

FIG. 1

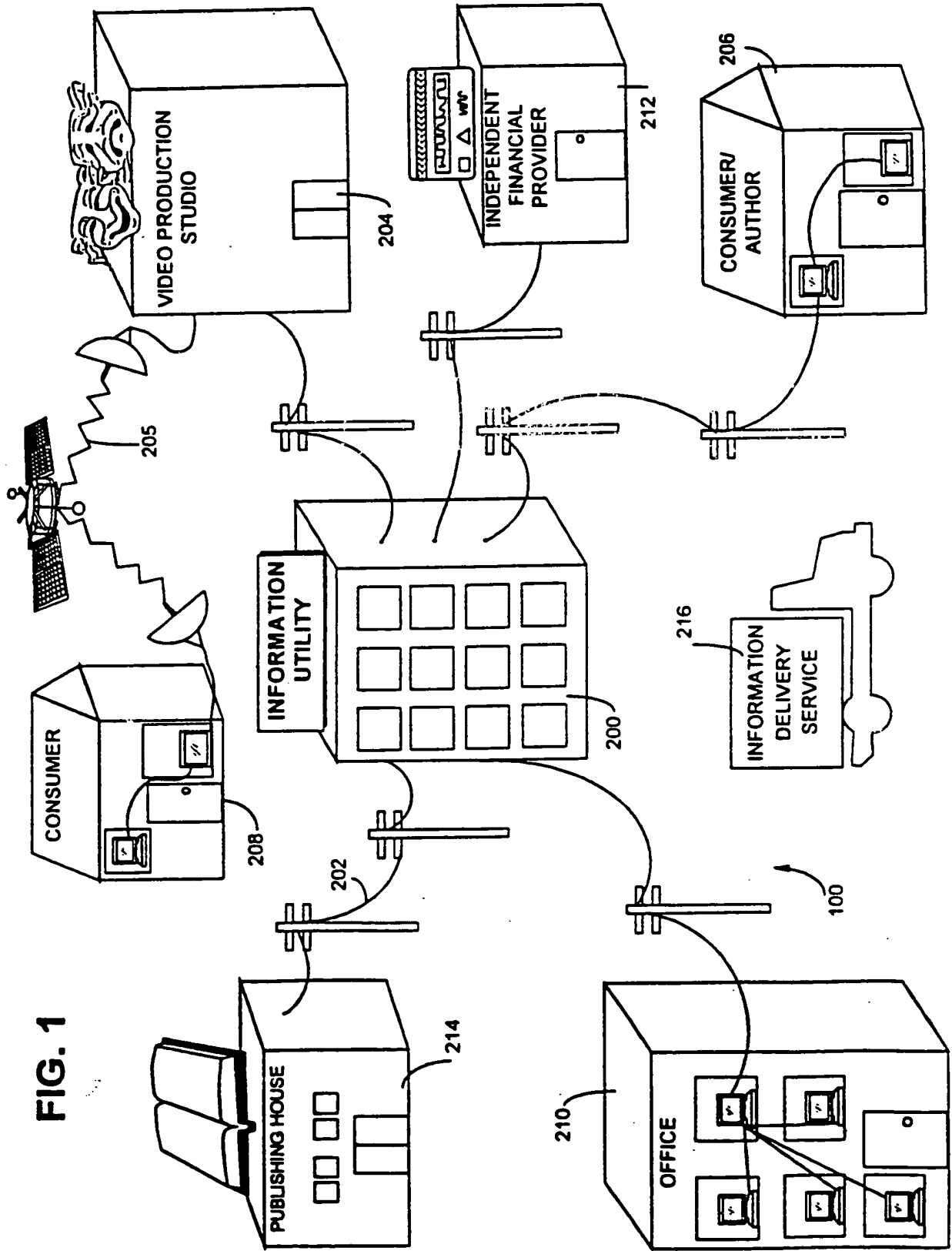


FIG. 2

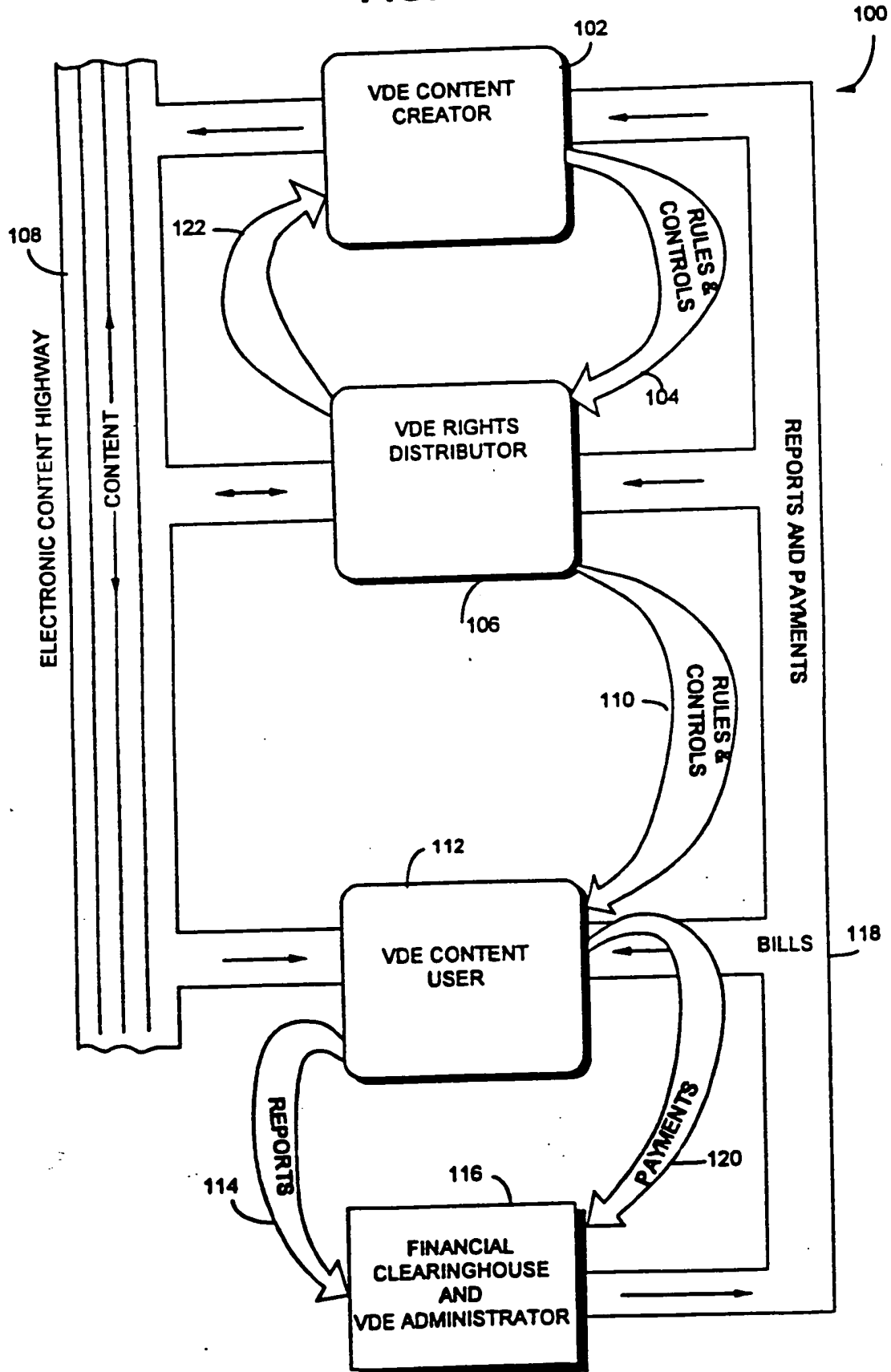
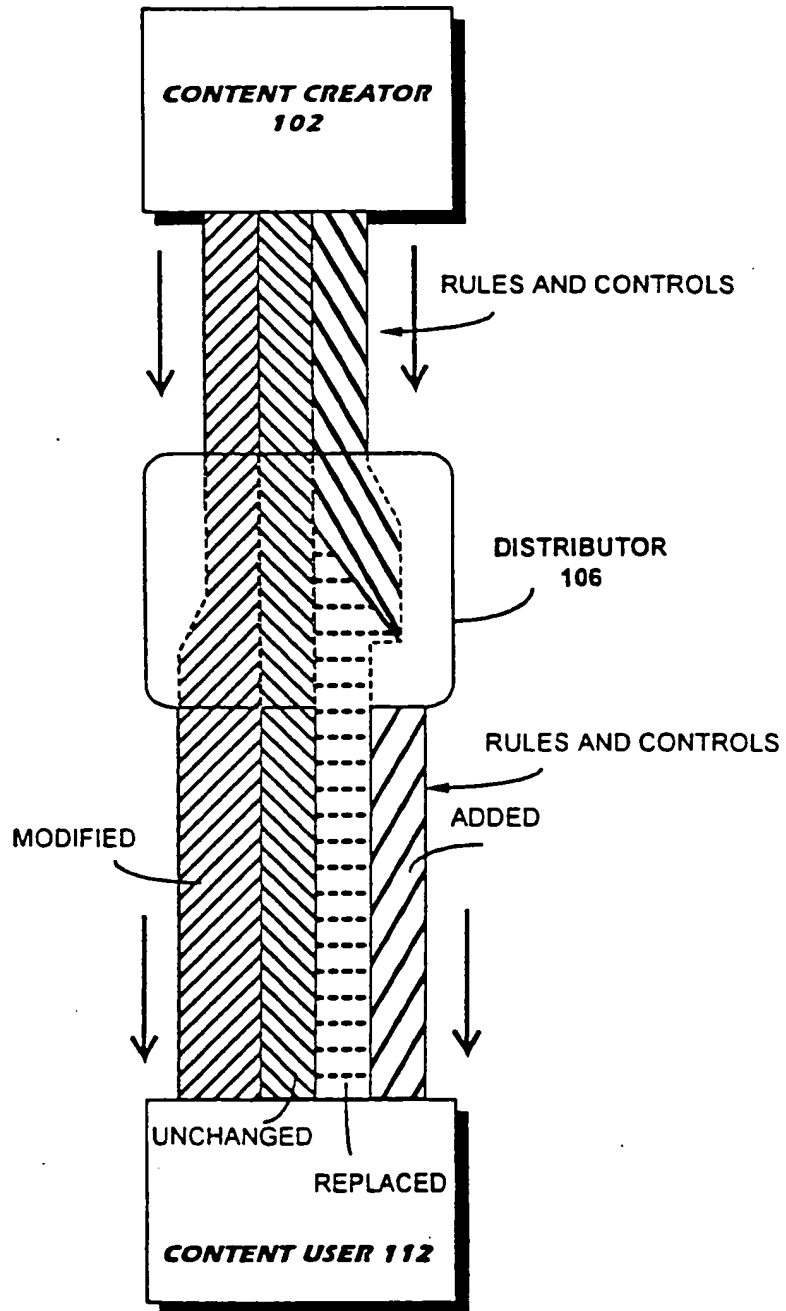
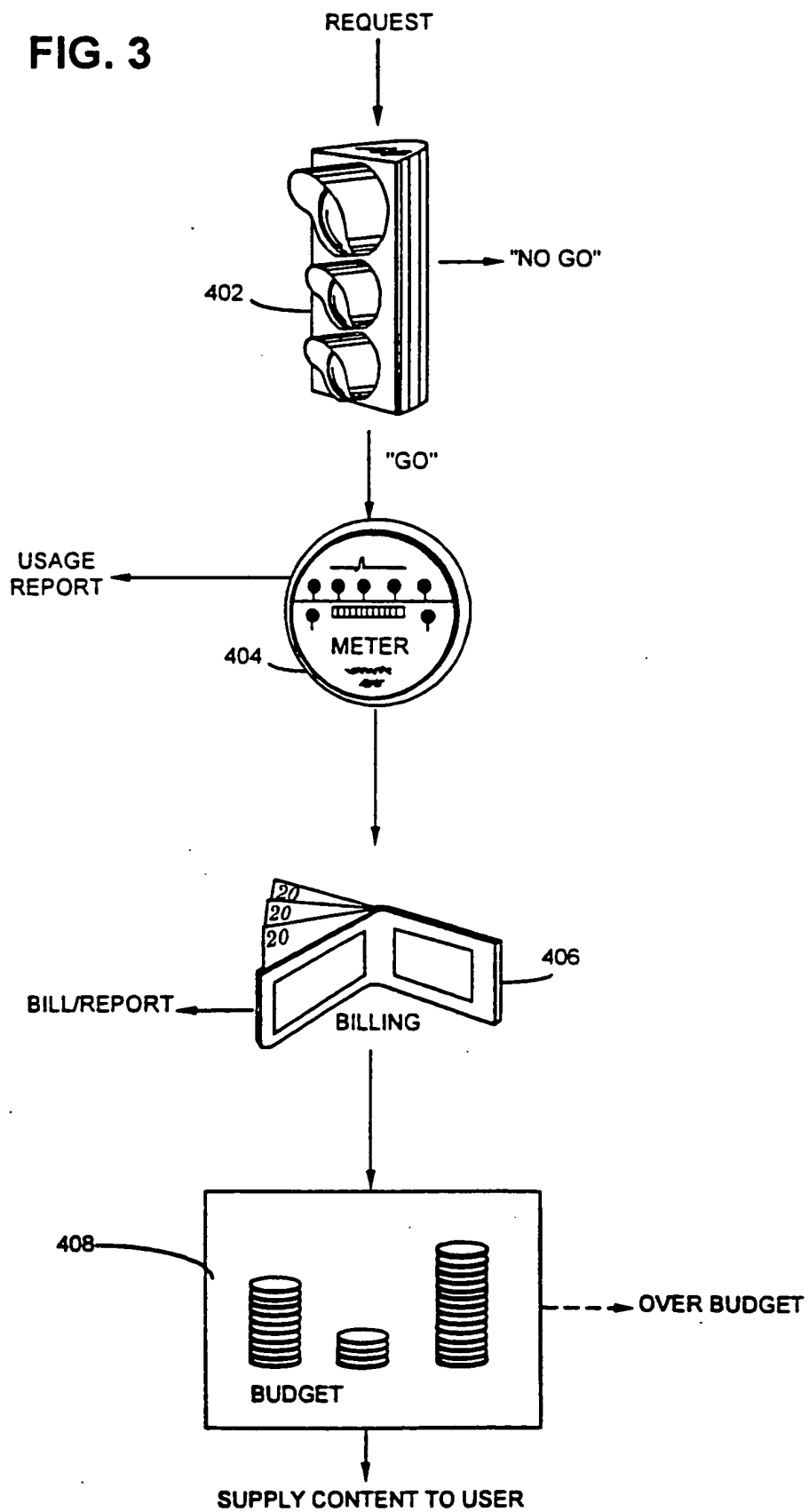


FIG. 2A



004080" 1115212960

FIG. 3



004030"4452E960

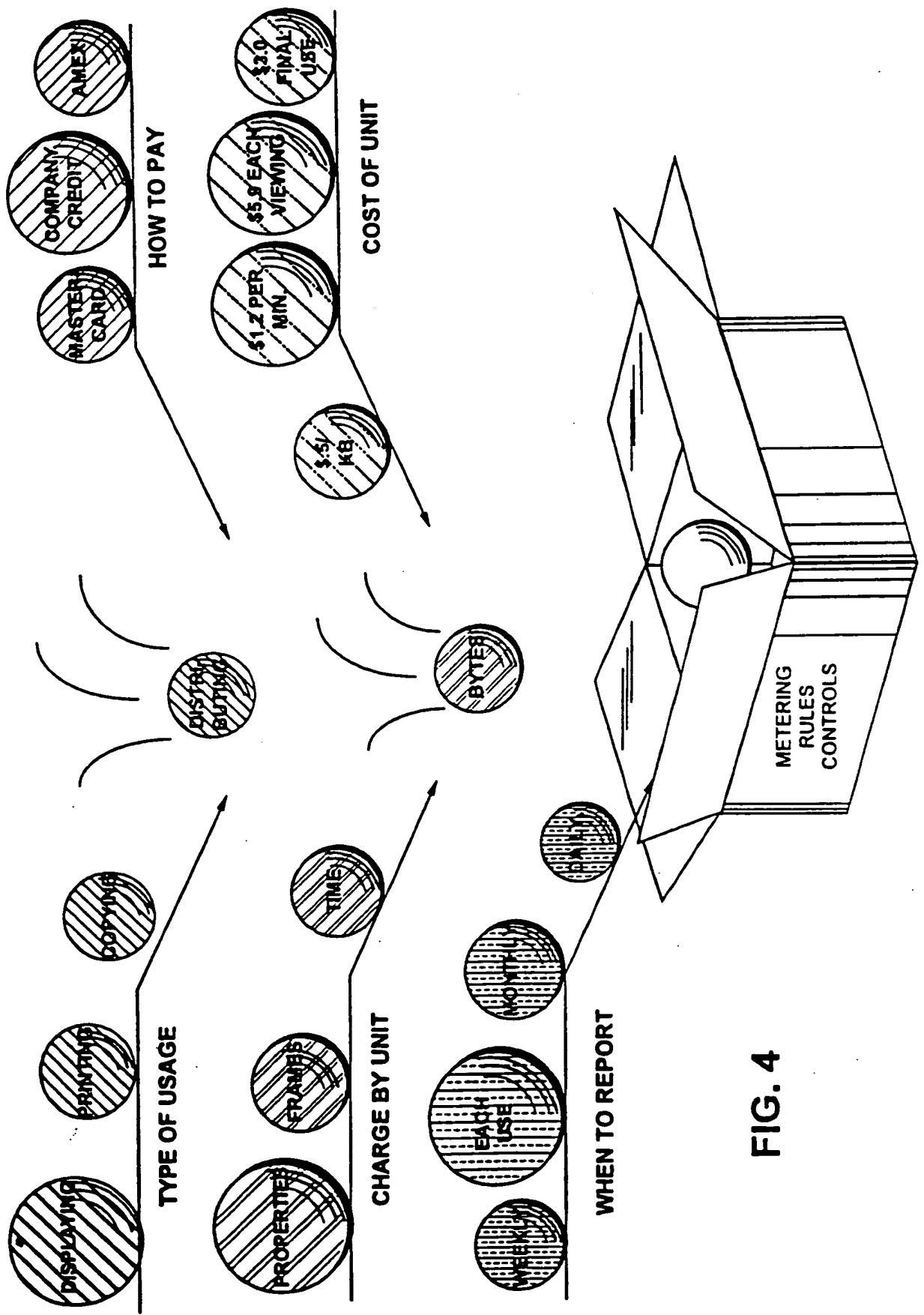


FIG. 4

FIG. 5A

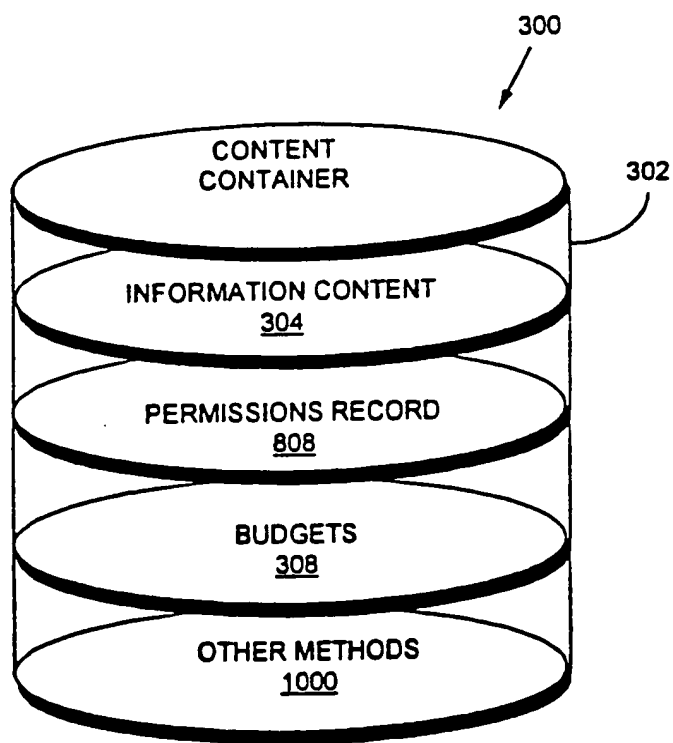


FIG. 5B

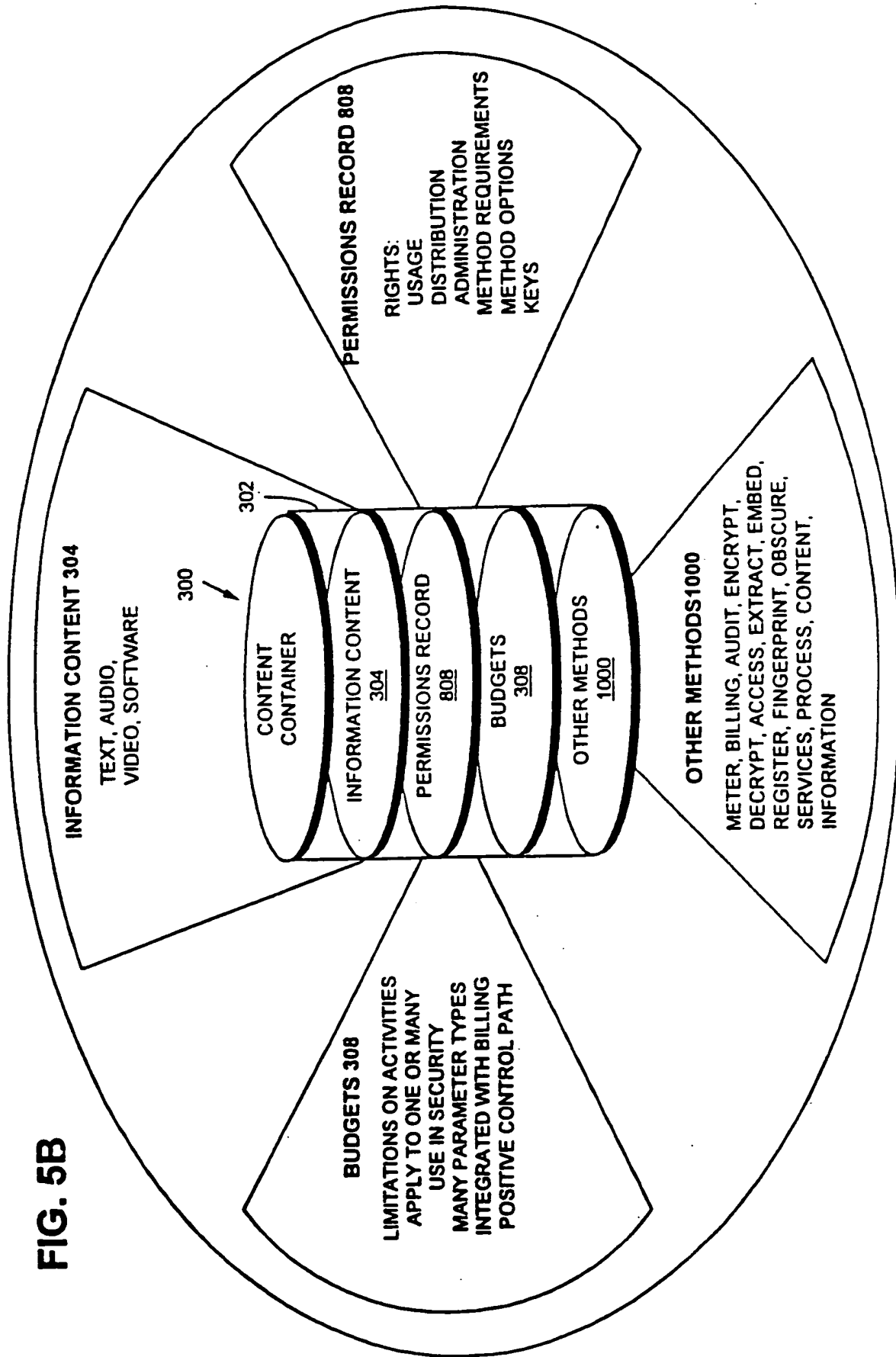
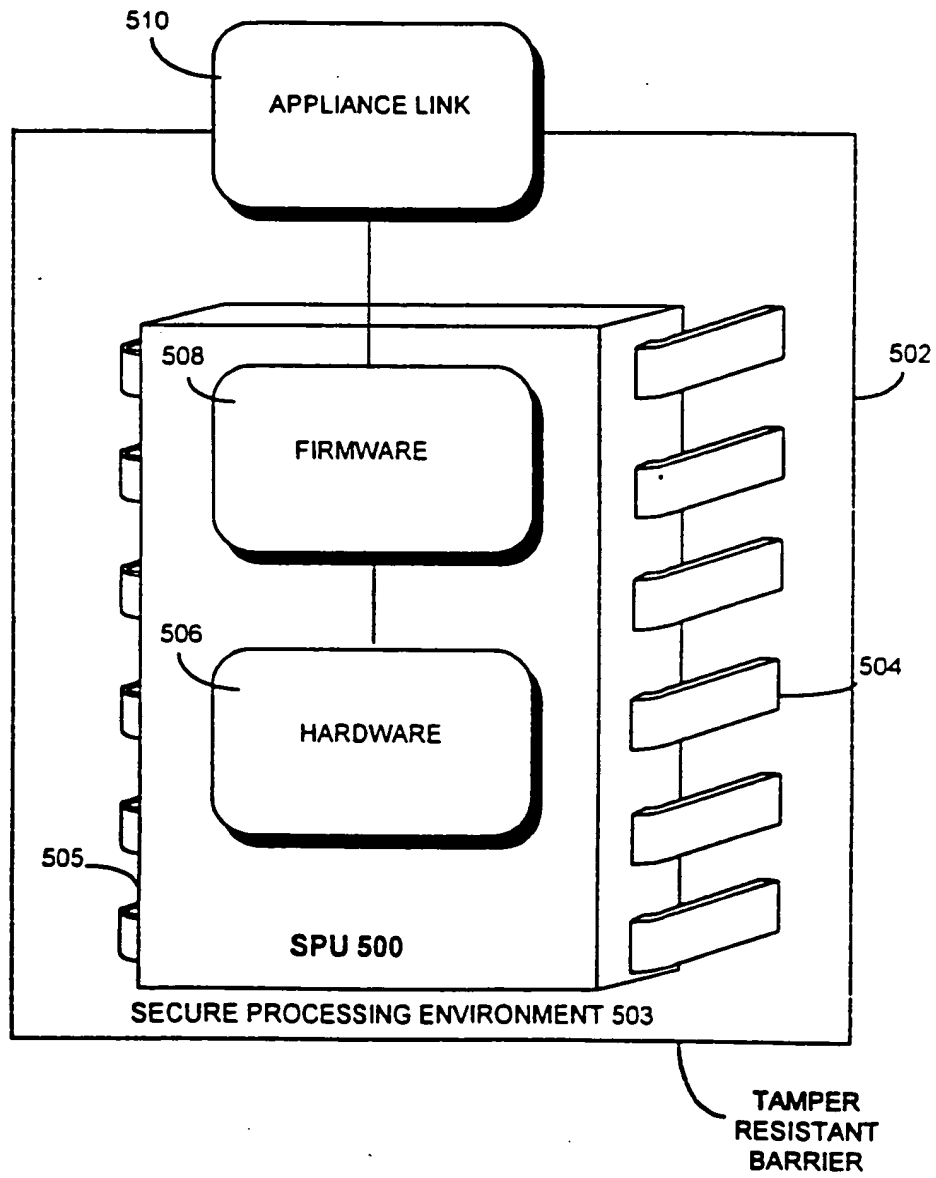


FIG. 6



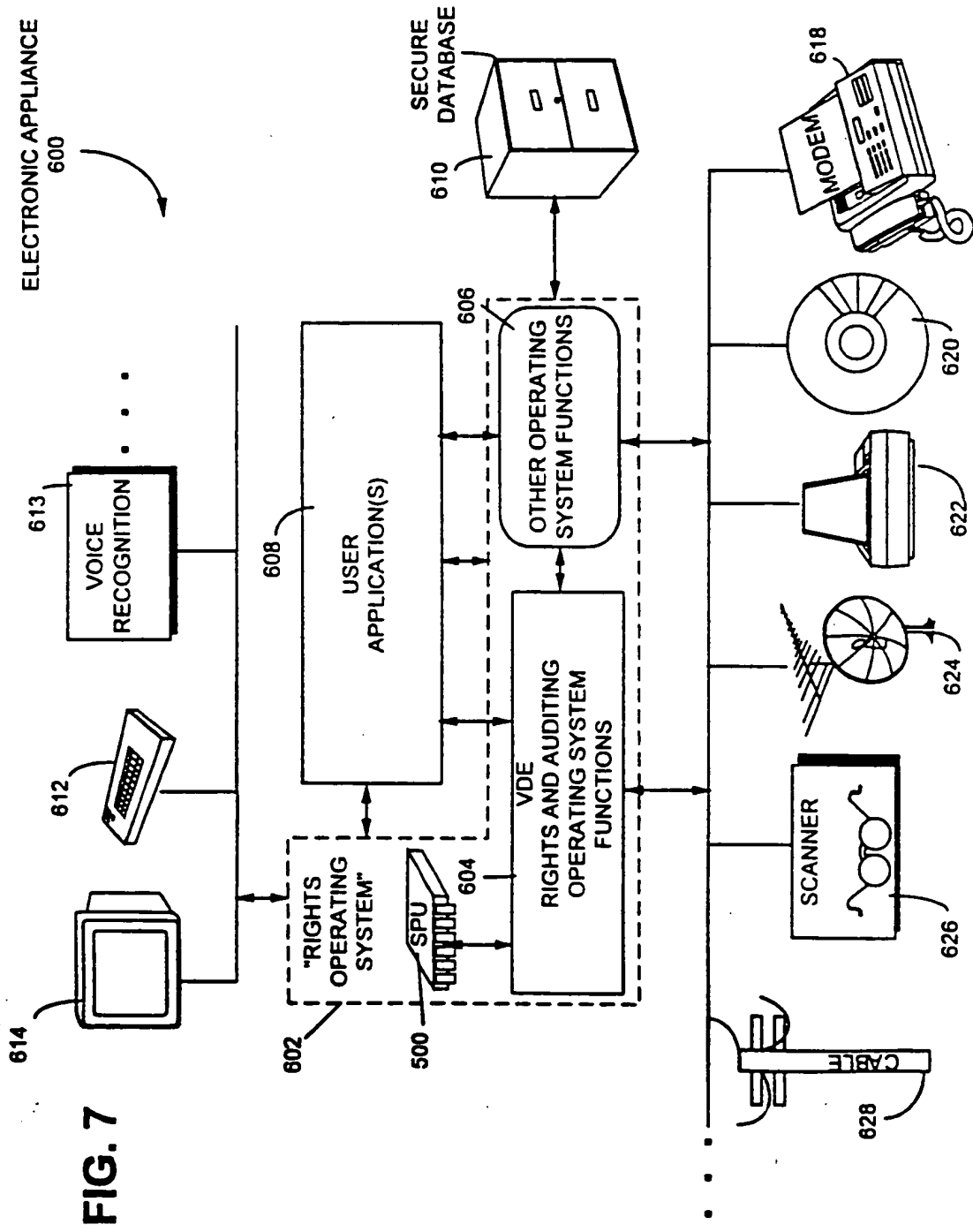
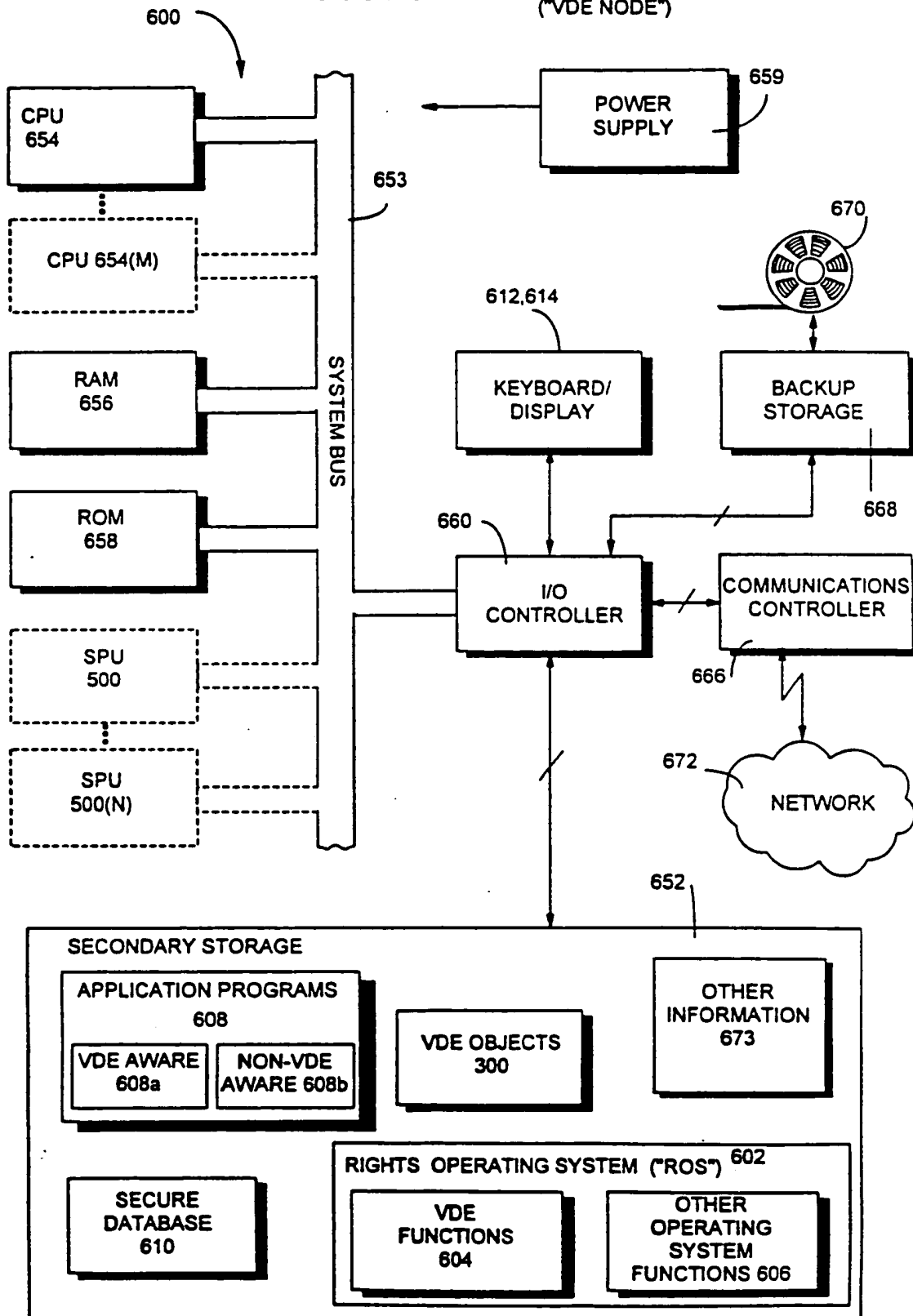


FIG. 7

FIG. 8 ELECTRONIC APPLIANCE 600
("VDE NODE")



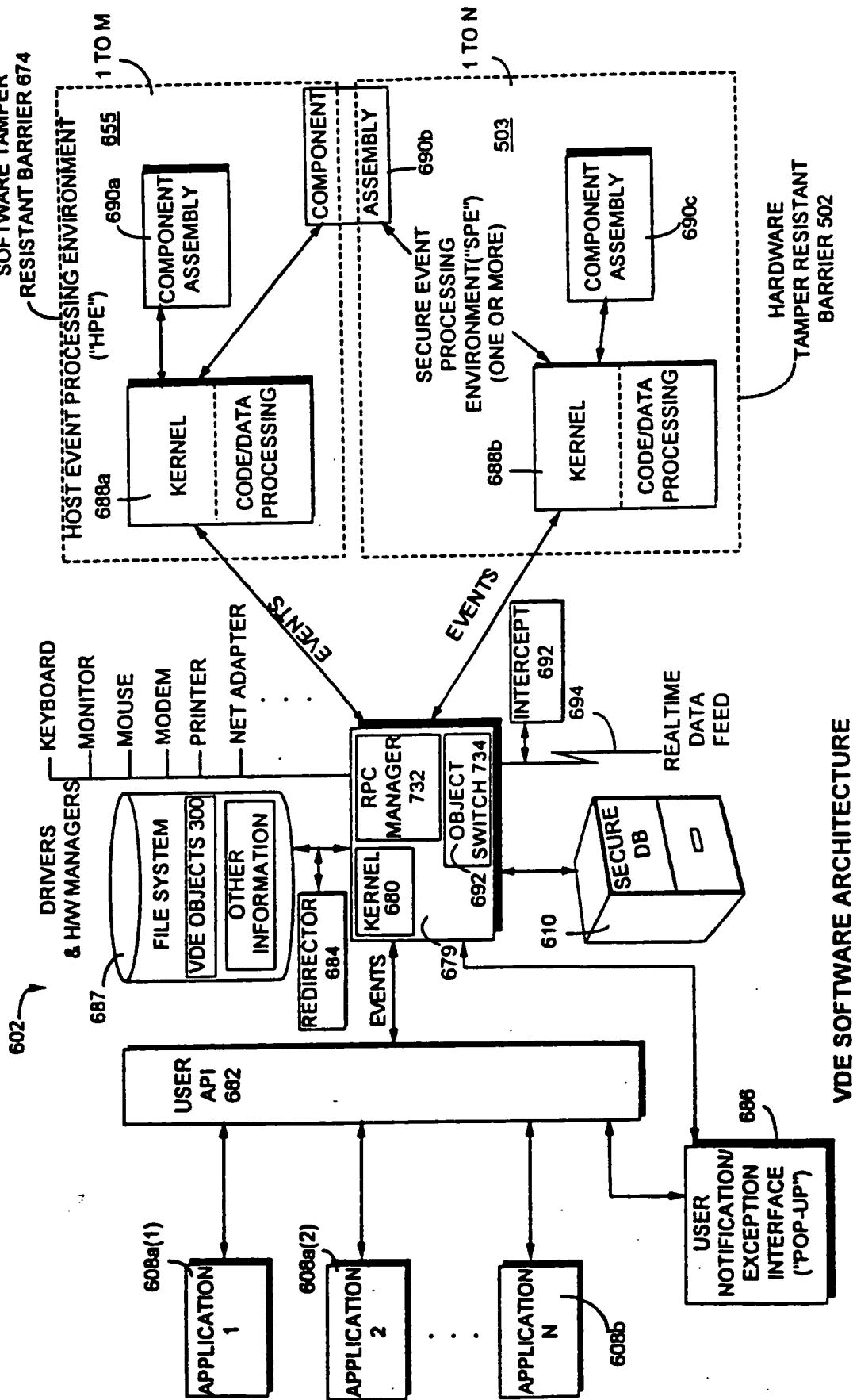


FIG. 10

FIG. 11C

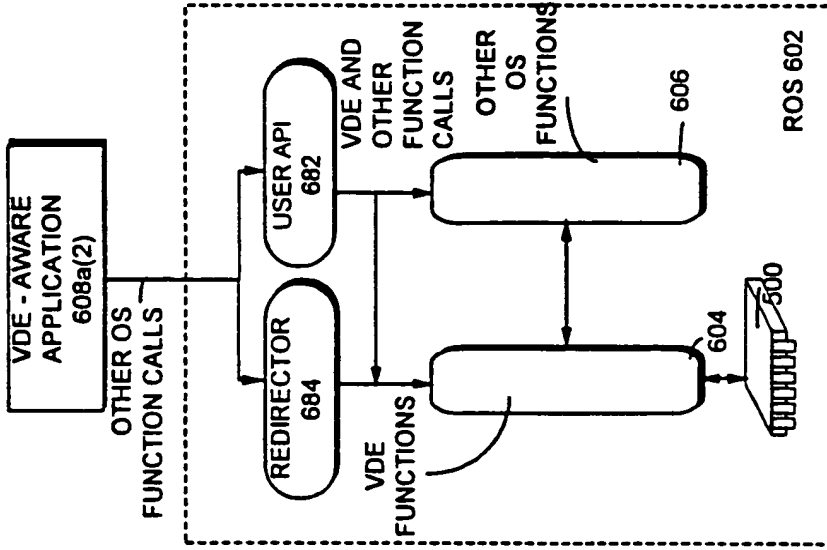


FIG. 11B

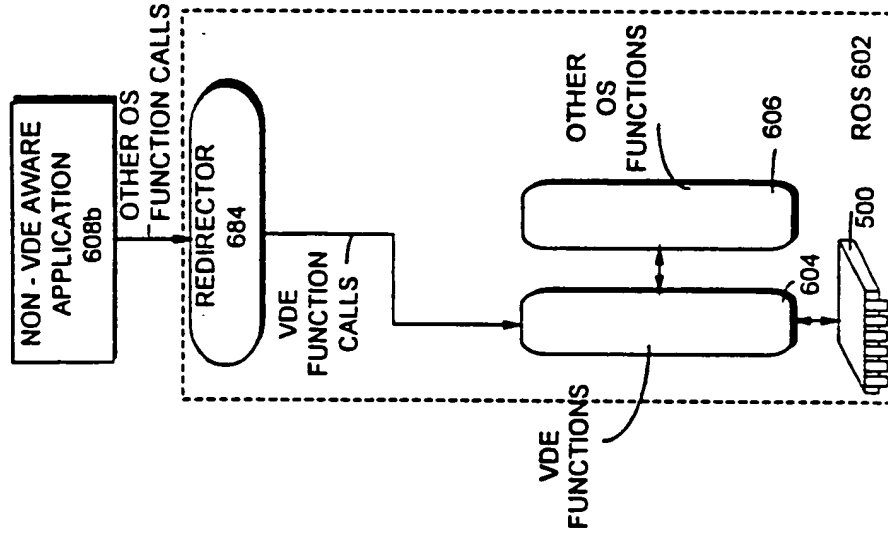
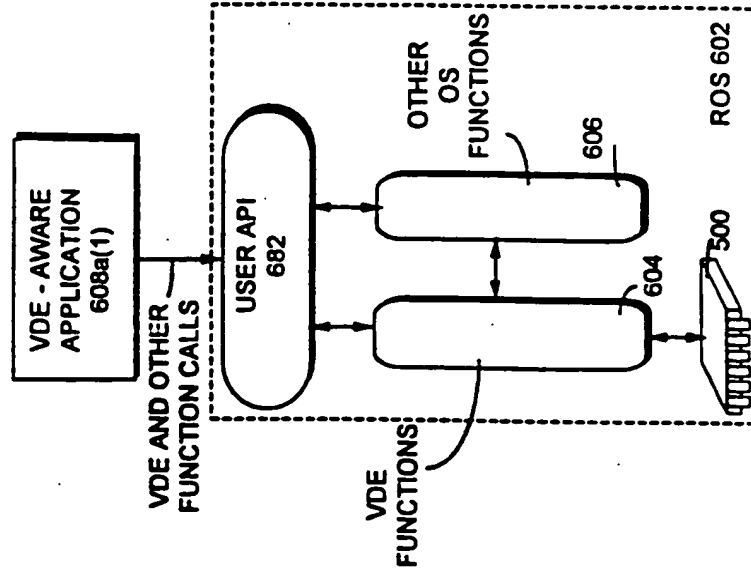


FIG. 11A



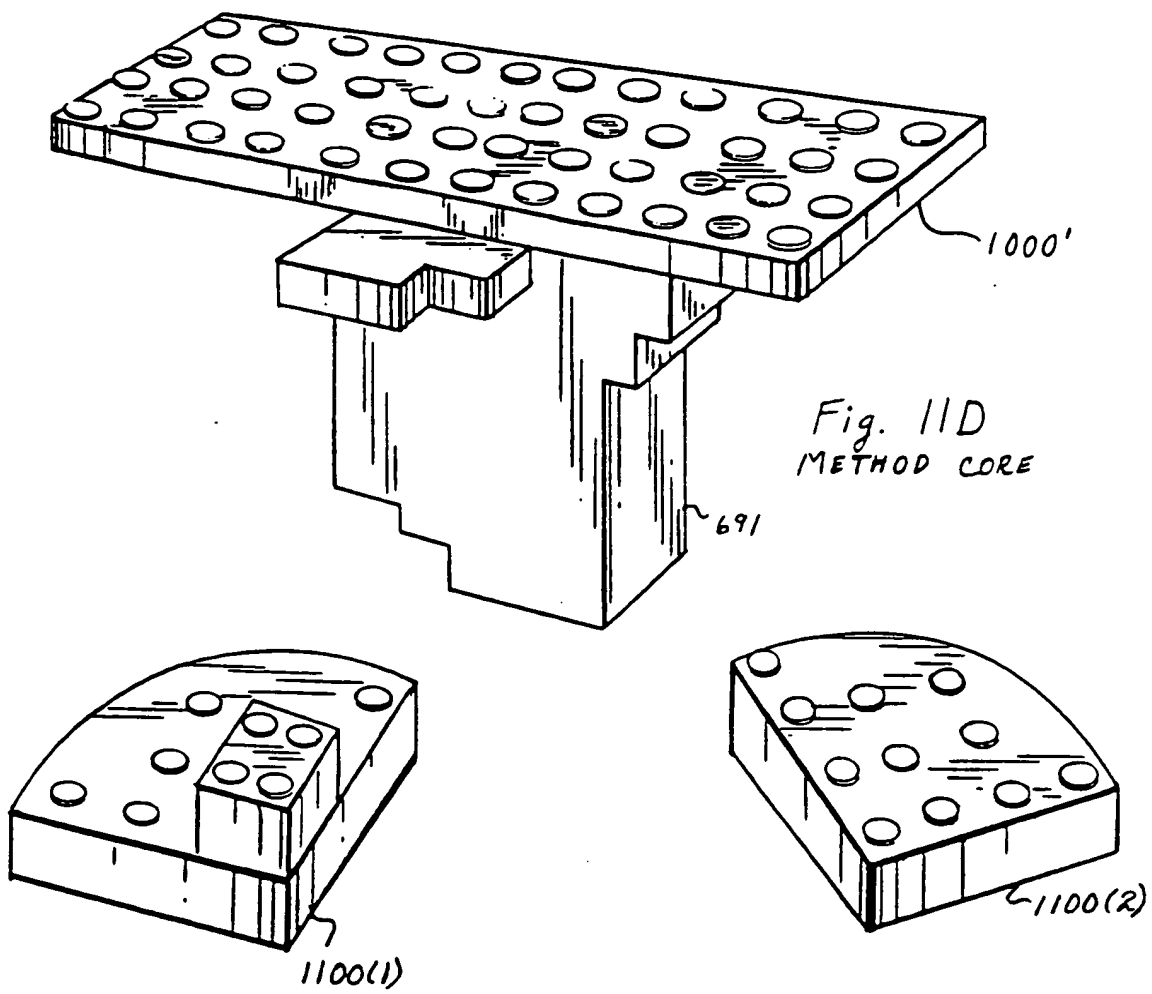
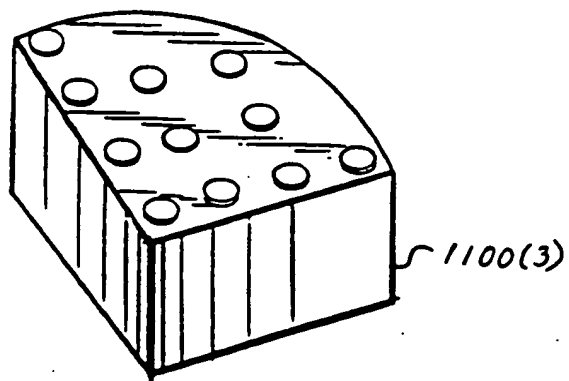


Fig. 11E
LOAD MODULE
WITH DTD



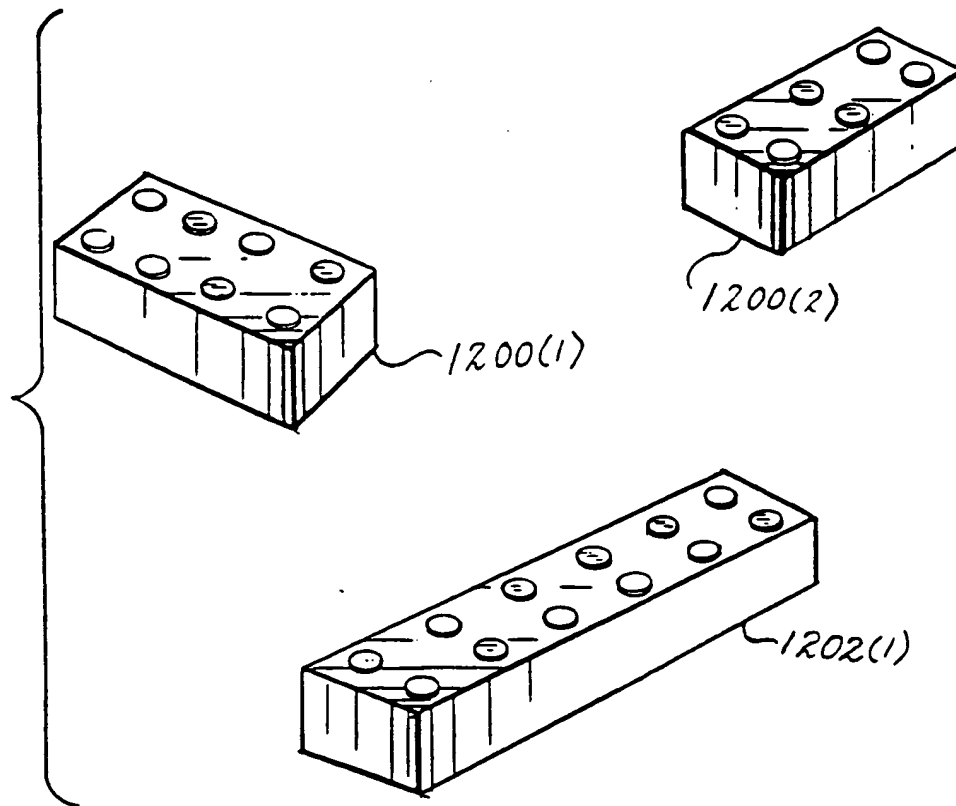
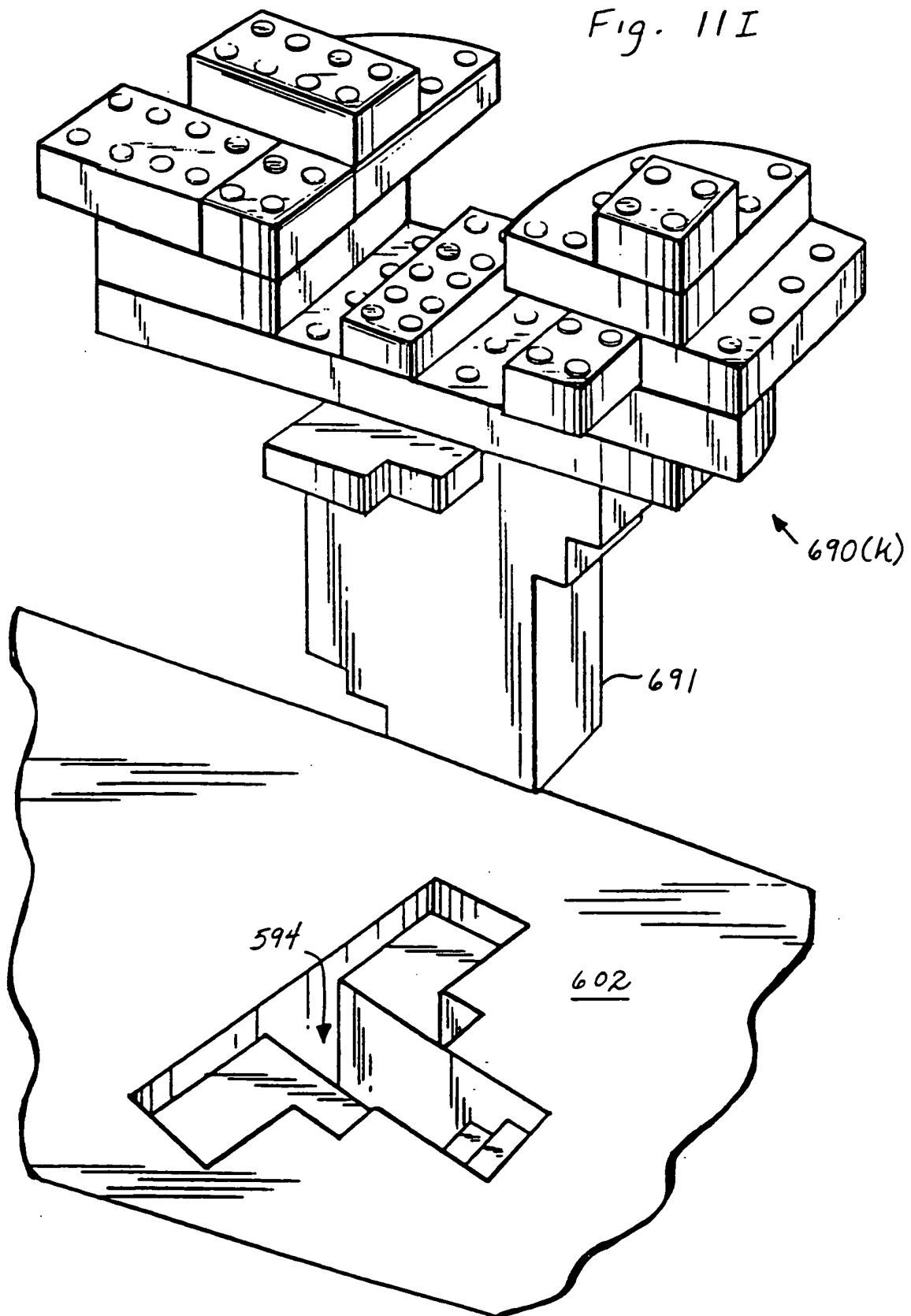


Fig. 11H
DATA STRUCTURES

Fig. 11I



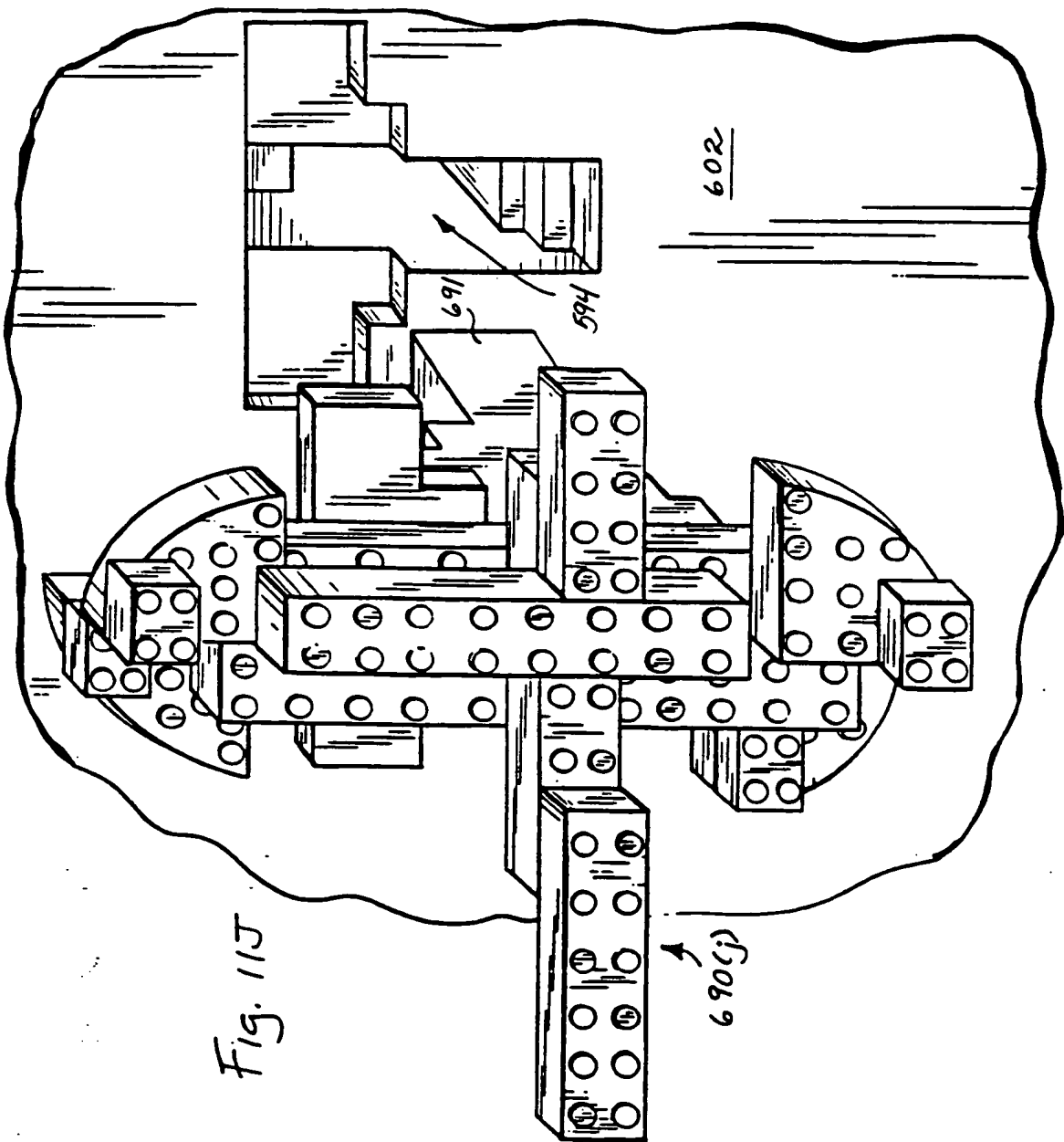


Fig. 11J

FIG. 12A
OBJECT CREATION

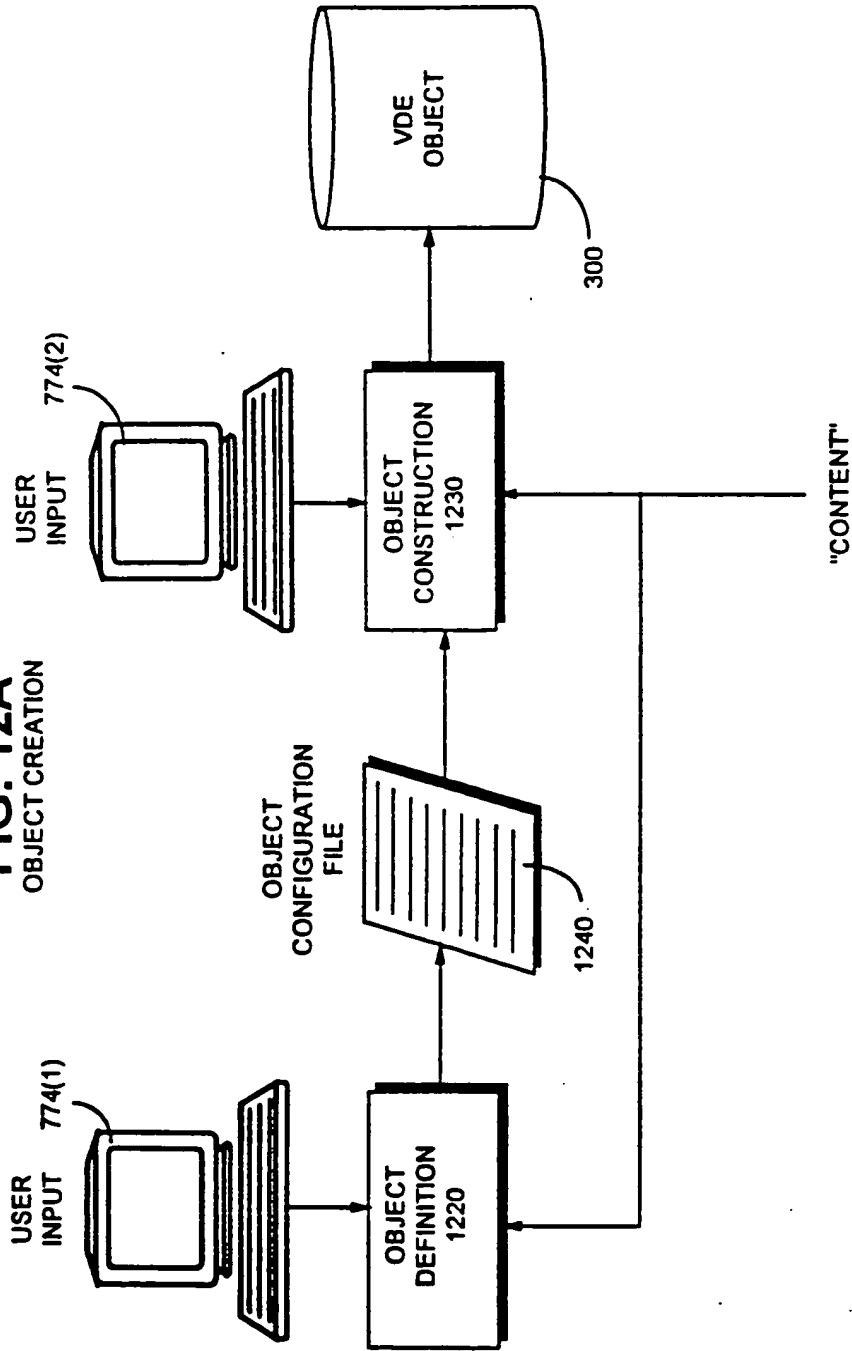
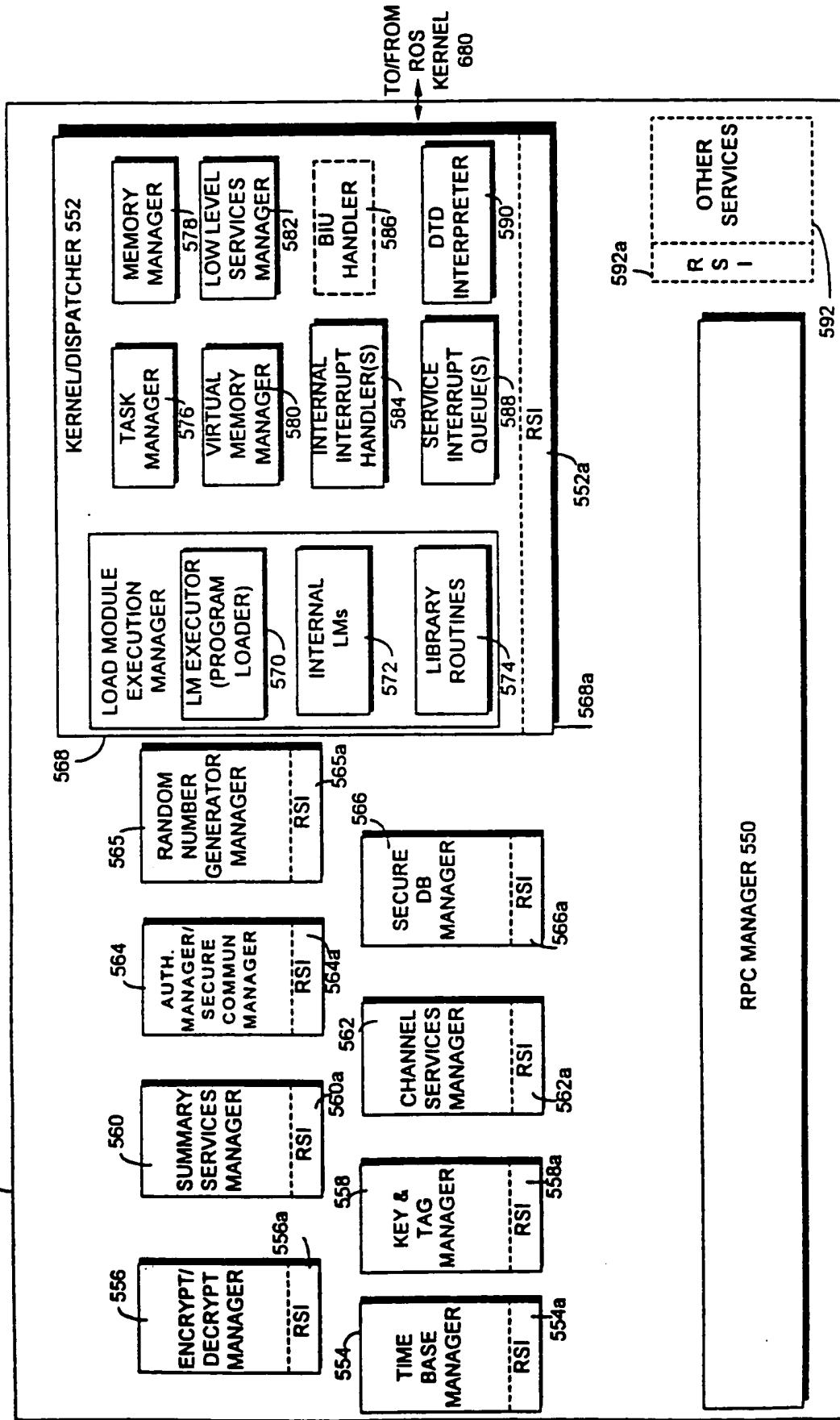


FIG. 13

PROTECTED PROCESSING ENVIRONMENT 650

503, 655



**DEVICE FIRM WIRE LOW LEVEL
SERVICES 582**

INITIALIZATION

POST

DOWNLOAD
CHALLENGE/RESPONSE AND
AUTHENTICATION

RECOVERY

EEPROM/FLASH MEMORY
MANAGER**KERNEL/DISPATCHER 552**

INITIALIZATION

TASK MANAGER 576
(SLEEP/AWAKE/CONTEXT SWAP)INTERRUPT HANDLER 584
(TIMER/BIU/POWER FAIL/WATCHDOG
TIMER/ENCRYPTION COMPLETED)

BIU HANDLER 586

MEMORY MANAGER 578INITIALIZATION (SETTING MMU
TABLES)

ALLOCATE

DEALLOCATE

VIRTUAL MEMORY MANAGER 580

SWAP BLOCK PAGING

EXTERNAL MODULE PAGING

MEMORY COMPRESS

RPC AND TABLES 550

INITIALIZATION

MESSAGING CODE /SERVICES
MANAGER

SEND/RECEIVE

STATUS

RPC DISPATCH TABLE

RPC SERVICE TABLE

⋮

FIG. 14A**TIME BASE MANAGER 554****ENCRYPTION/DECRYPTION MANAGER 556**

PK

BULK

KEY AND TAG MANAGER 558

KEY STORAGE IN EEPROM

KEY LOCATOR

KEY GENERATOR

CONVOLUTION ALGORITHM

SUMMARY SERVICES MANAGER 560

EVENT SUMMARIES

BUDGET SUMMARIES

DISTRIBUTER SUMMARY SERVICES

CHANNEL SERVICES MANAGER 562

CHANNEL HEADERS

CHANNEL DETAILS

**LOAD MODULE EXECUTION SERVICES
568****AUTHENTICATION MANAGER/SECURE
COMMUNICATION MANAGER 564****DATABASE MANAGER 566**

MANAGEMENT FILE SUPPORT

TRANSACTION AND
SEQUENCE NUMBER SUPPORT

SRN/ HASH

DTD INTERPRETER 590

LIBRARY ROUTINES 574

I/O CALLS (STRING SEARCH ETC.)

MISC. ITEMS THAT ARE PROBABLY
LIBRARY ROUTINES

TAG CHECKING, MD5, CRC'S

INTERNAL LM'S 572 FOR BASIC
METHODS

METER LOAD MODULE(S)

BILLING LOAD MODULE(S)

BUDGET LOAD MODULE(S)

AUDIT LOAD MODULE(S)

READ OBJECT LOAD MODULE(S)

WRITE OBJECT LOAD MODULE(S)

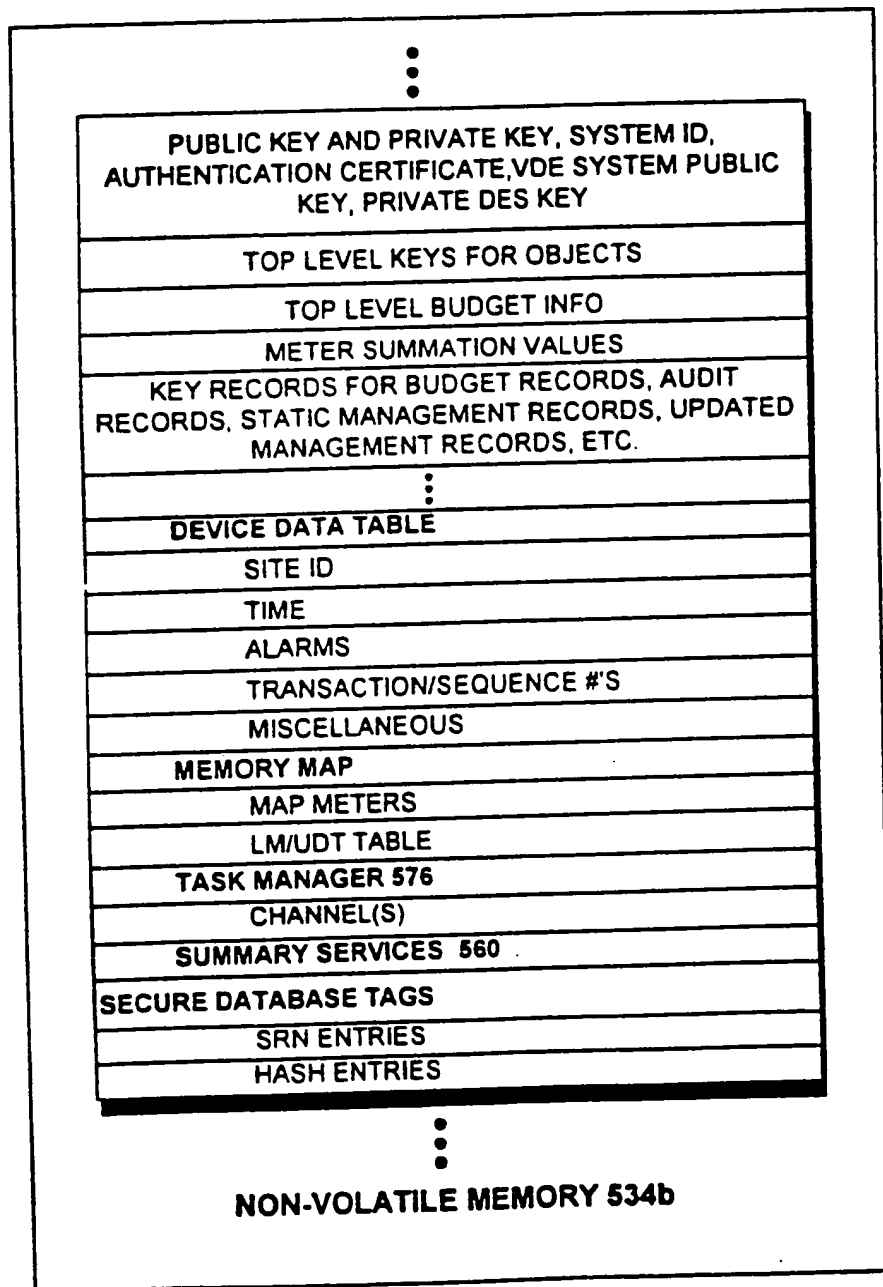
OPEN OBJECT LOAD MODULE(S)

CLOSE OBJECT LOAD MODULE(S)

⋮

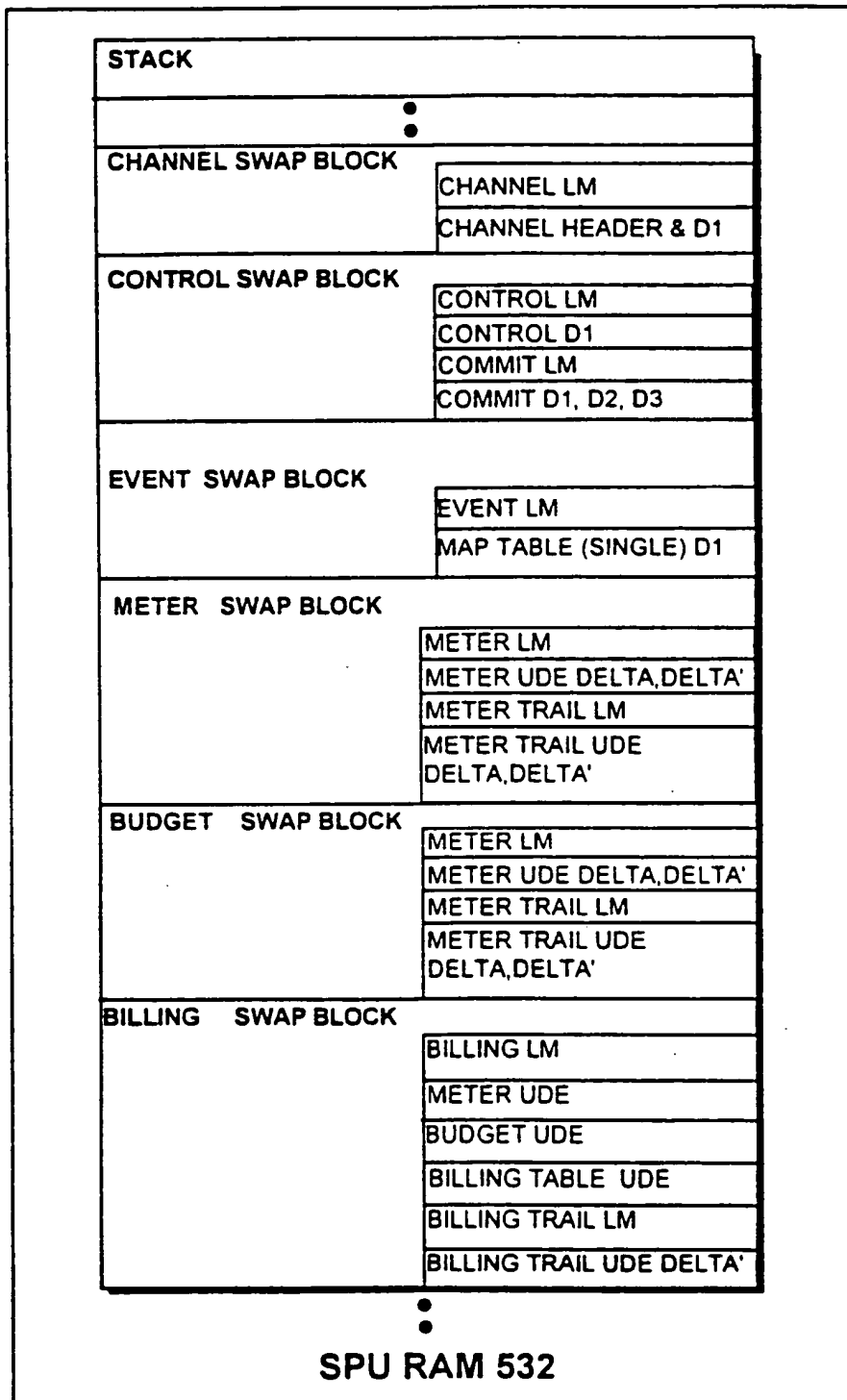
SPU ROM/EEPROM/FLASH 532

FIG. 14B



004080" 4452960

FIG. 14C



004080" 1162960

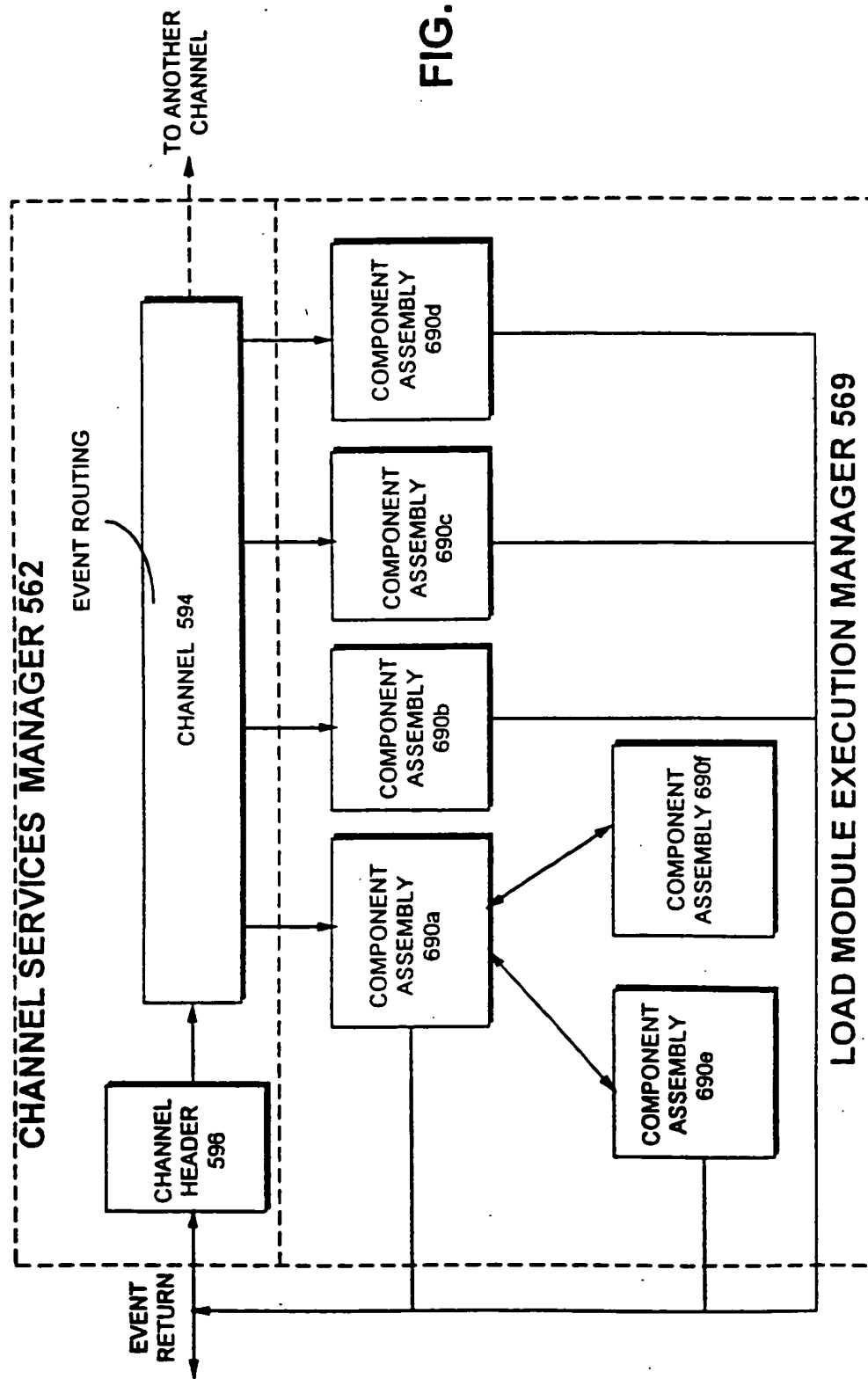


FIG. 15

FIG. 15A

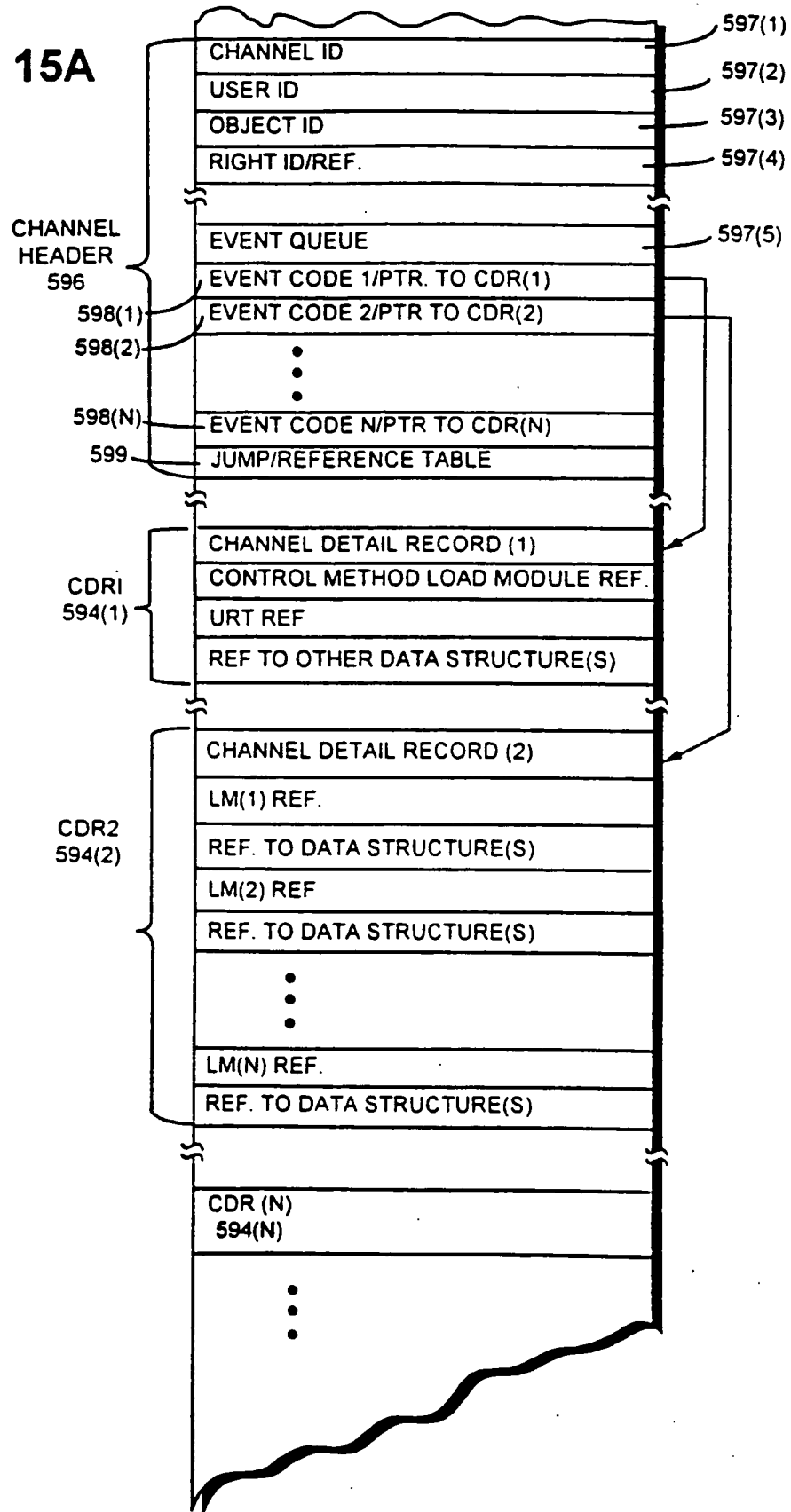


FIG. 15B

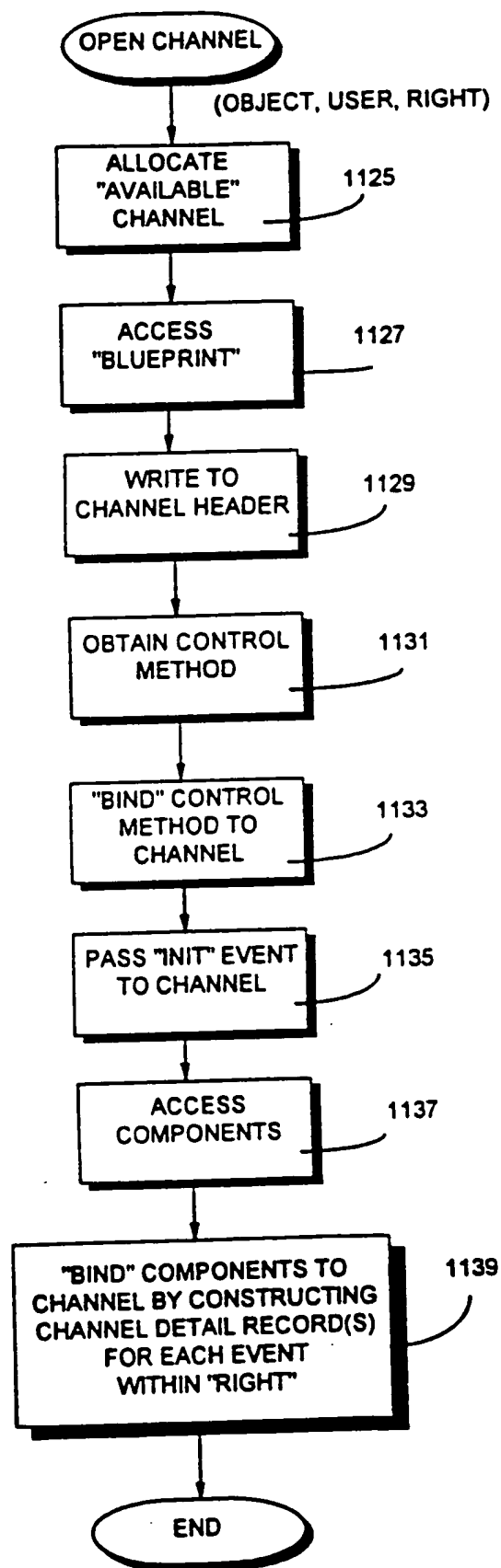
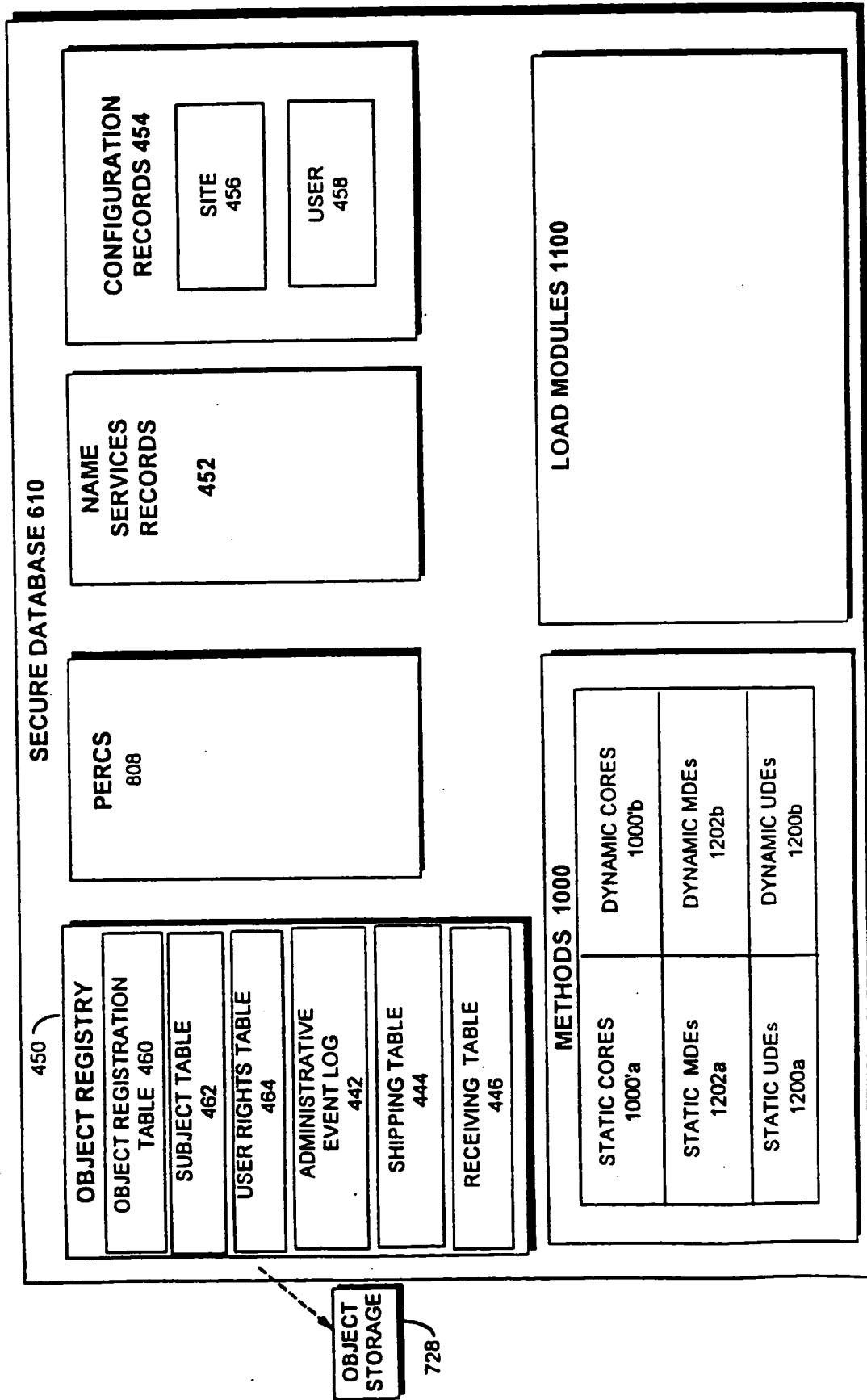
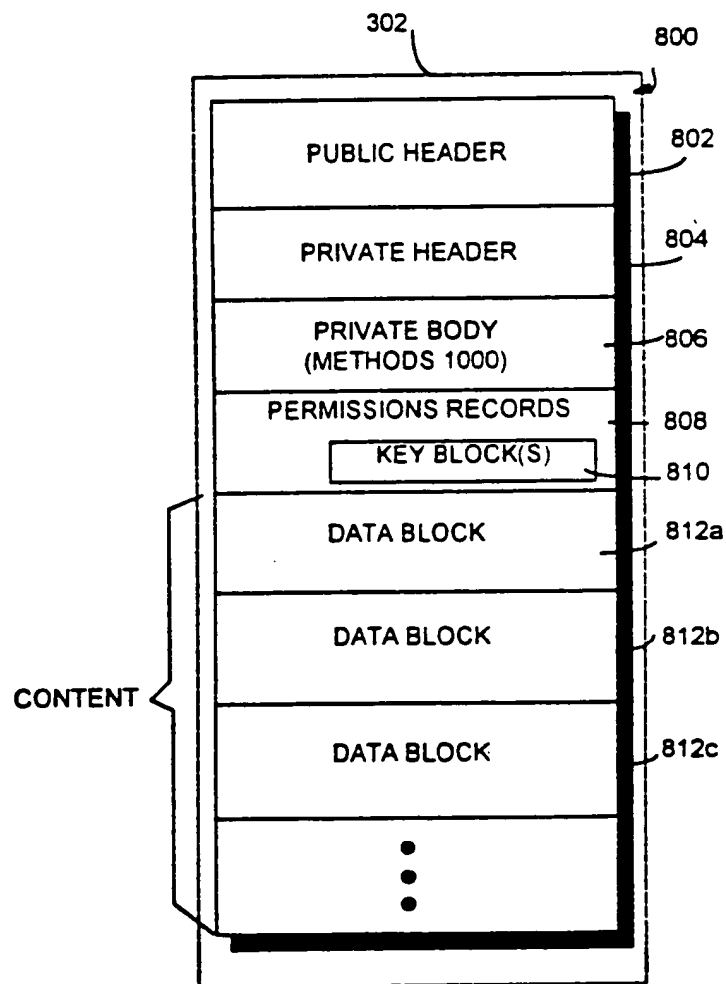


FIG. 16



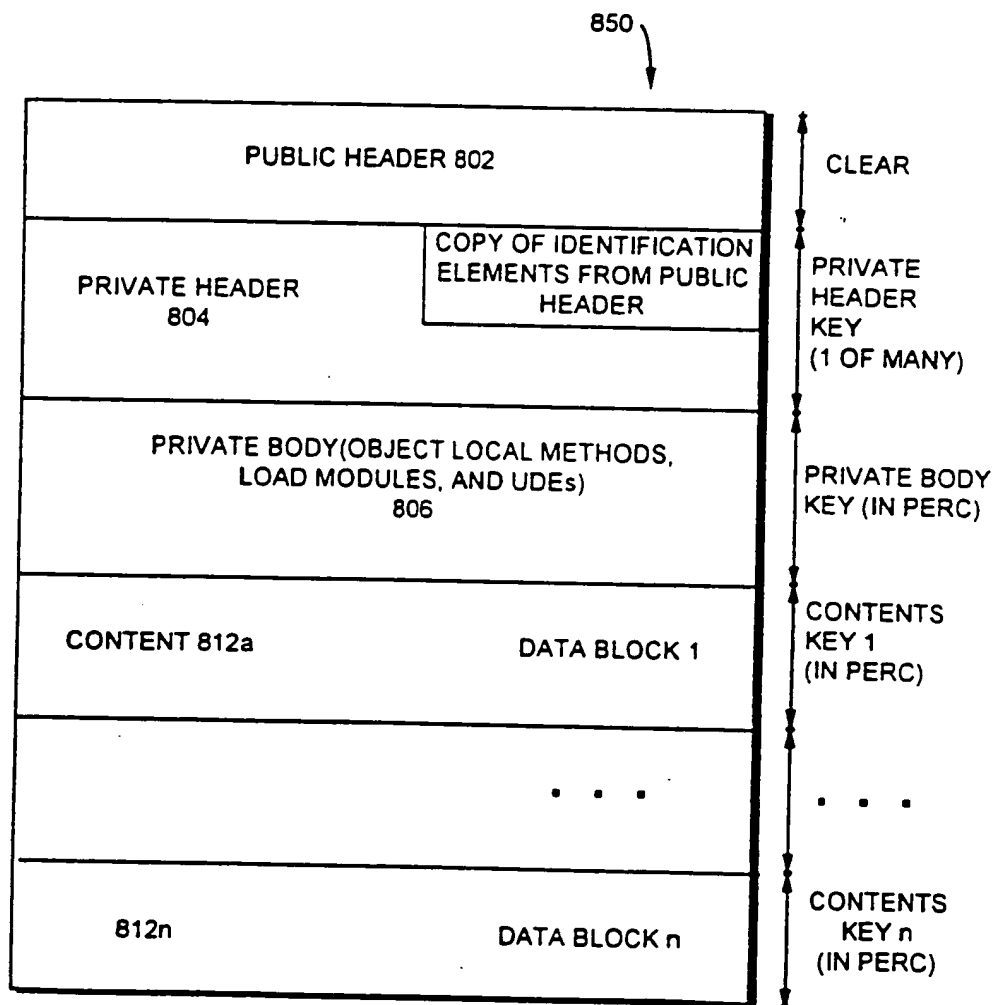
004080" 1162E960



LOGICAL OBJECT

FIG. 17

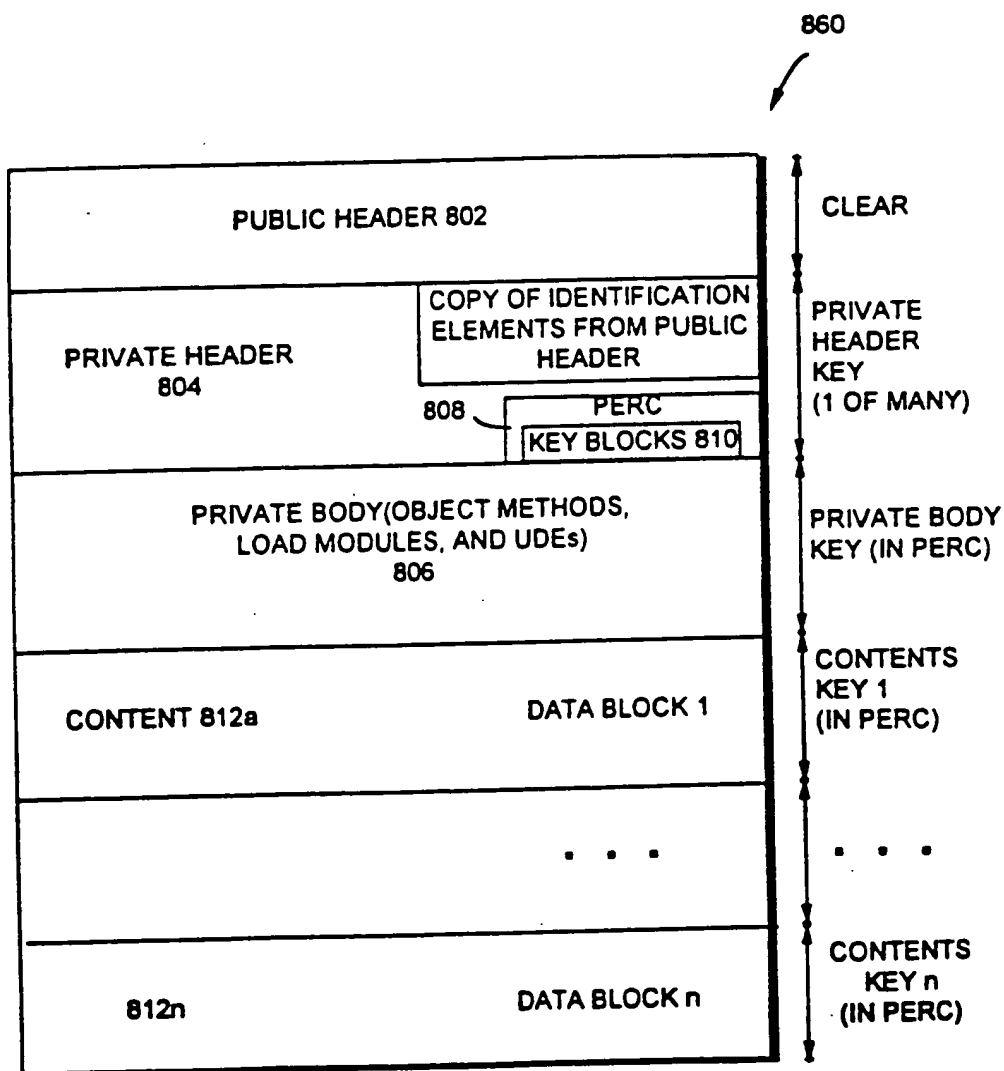
004080-1462690



STATIONARY OBJECT

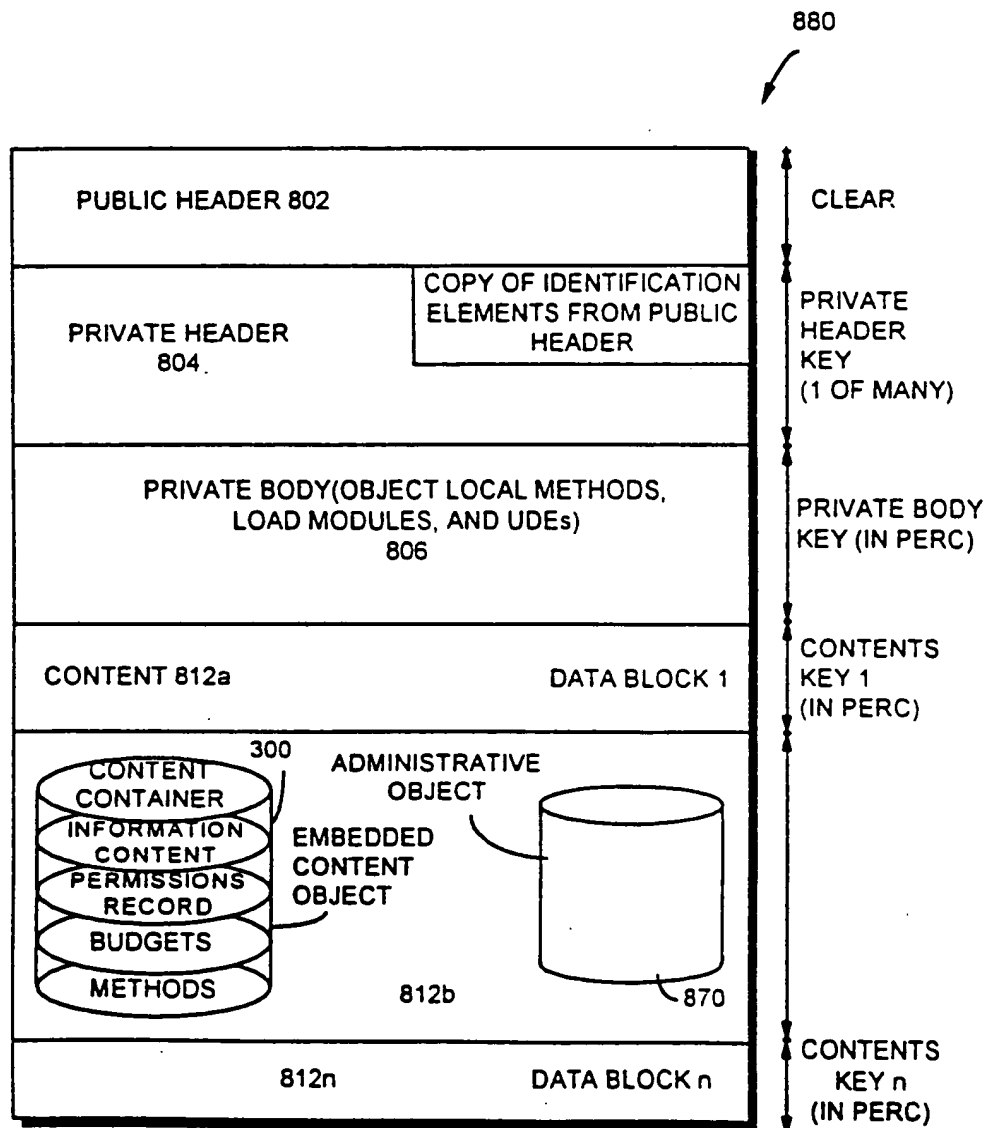
FIG. 18

004080" 1162E960



TRAVELING OBJECT

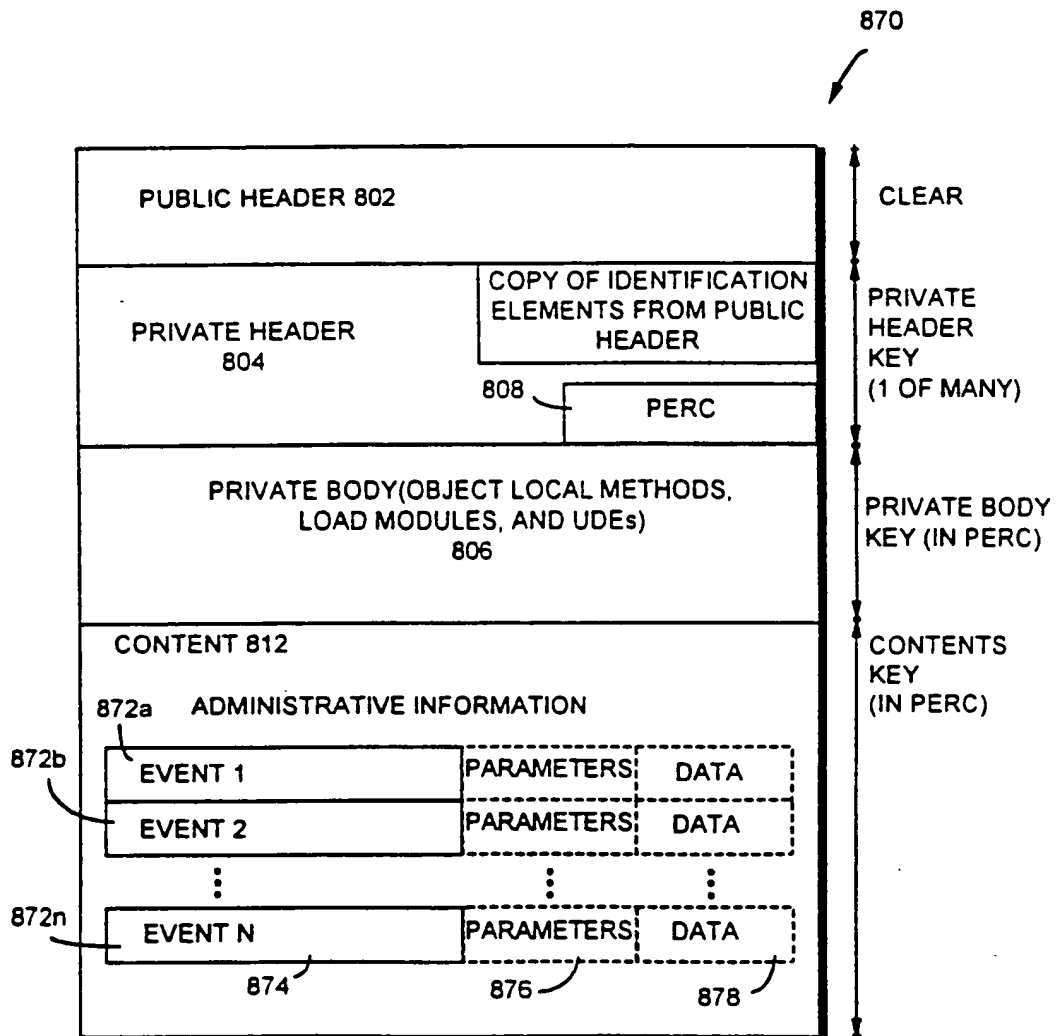
FIG. 19



CONTENT OBJECT

FIG. 20

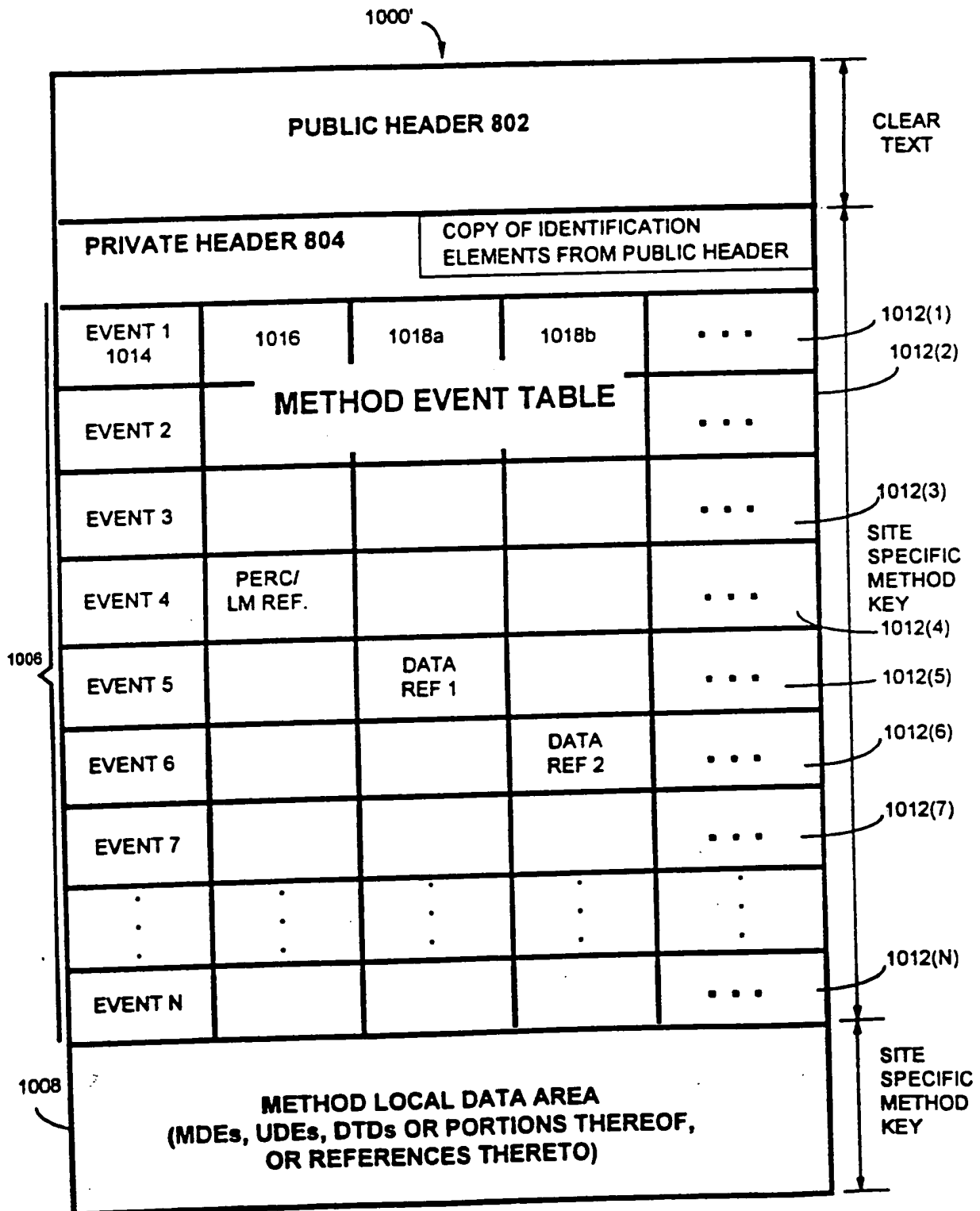
004080" 111522960



ADMINISTRATIVE OBJECT

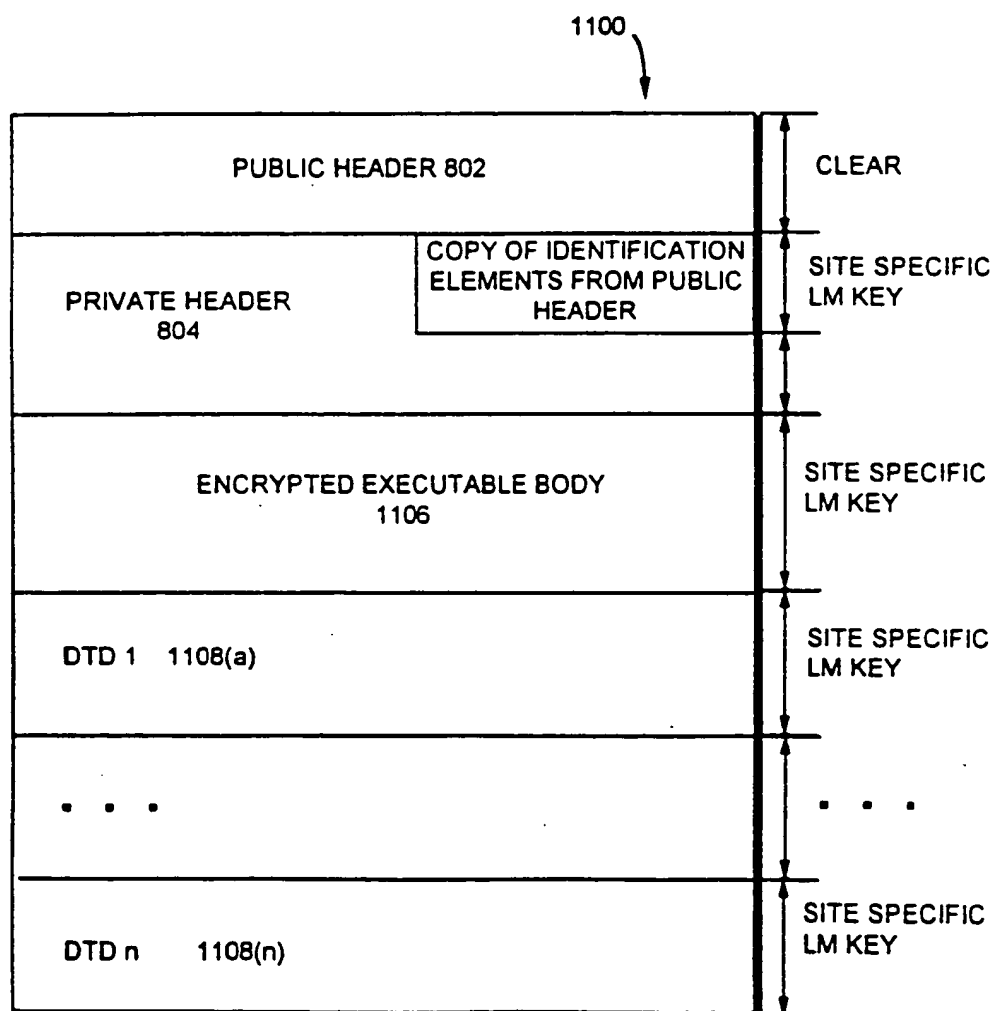
FIG. 21

FIG. 22



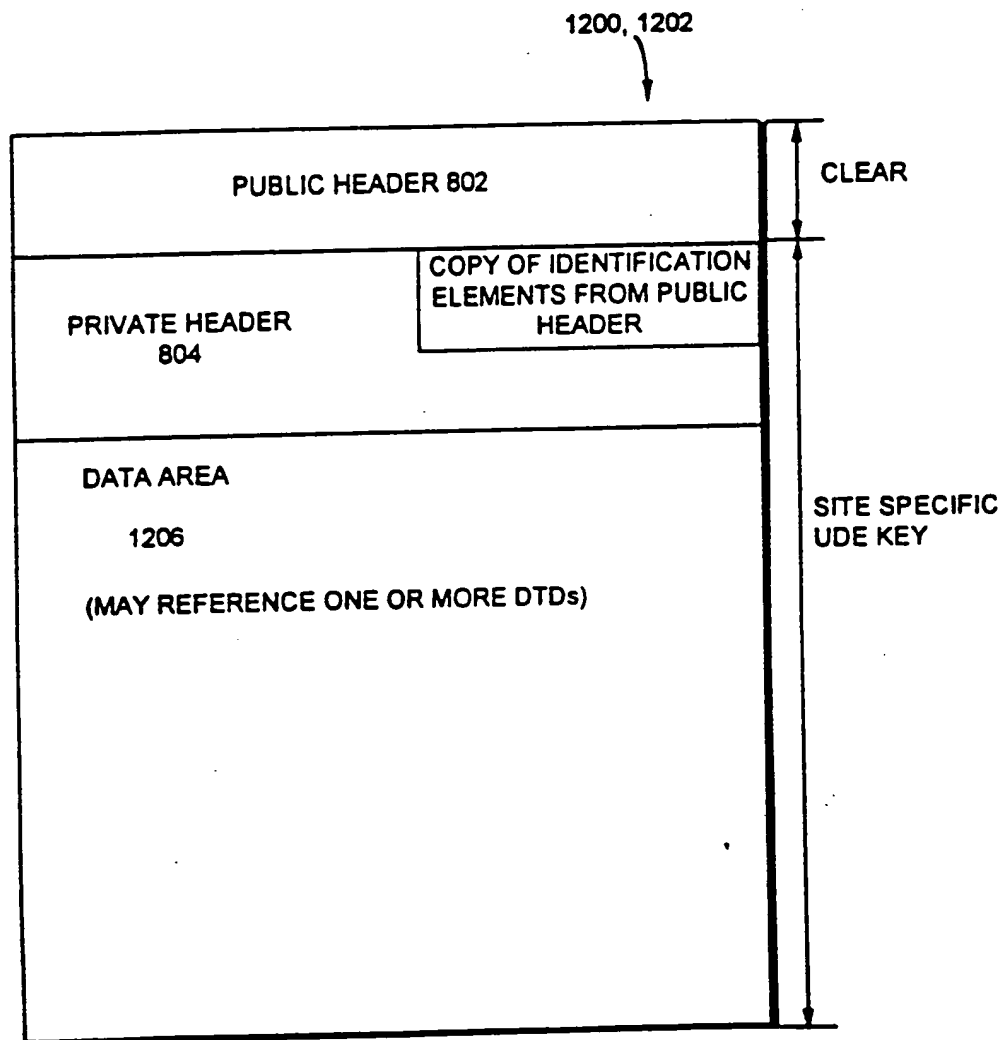
METHOD "CORE"

FIG. 23



LOAD MODULE

FIG. 24



UDE (MDE)

004080" 11622960

FIG. 25A

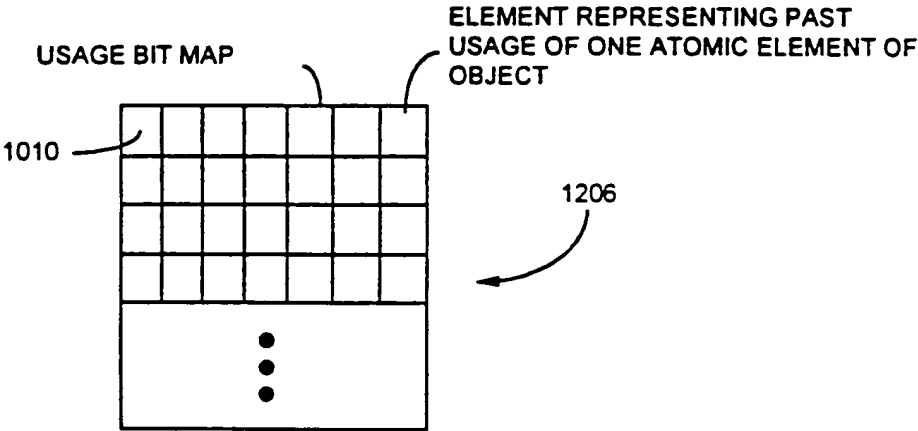


FIG. 25B

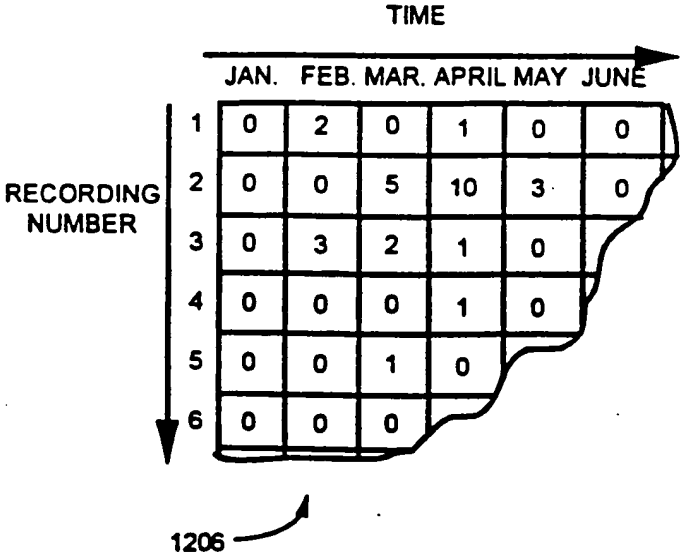


FIG. 25C

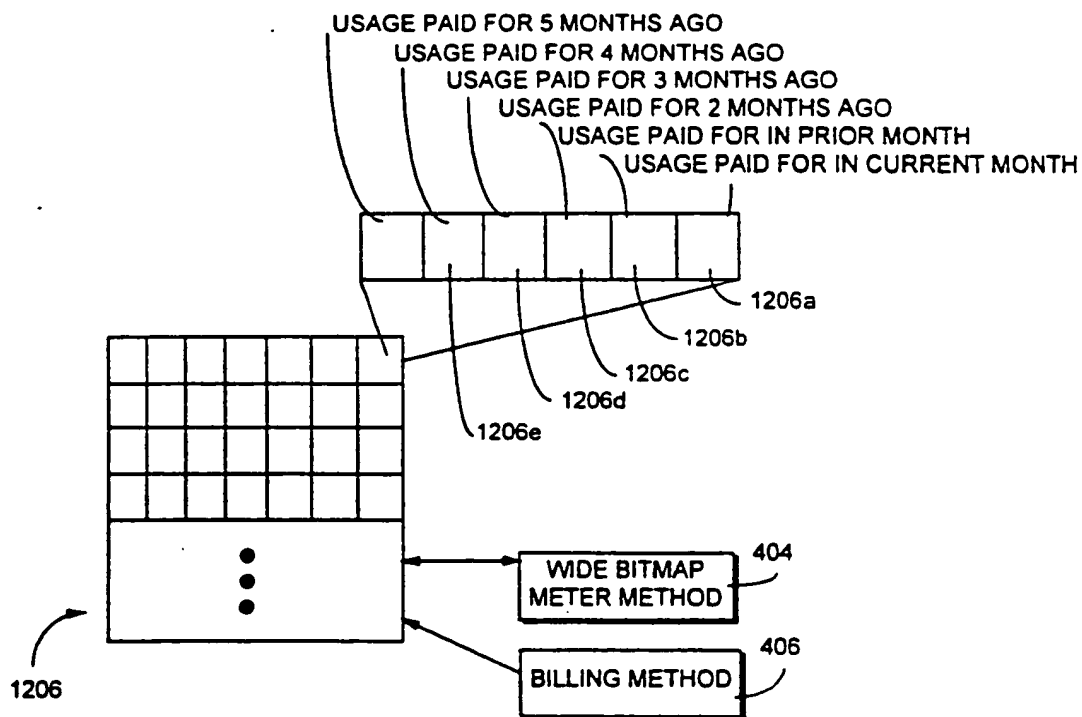


FIG. 26

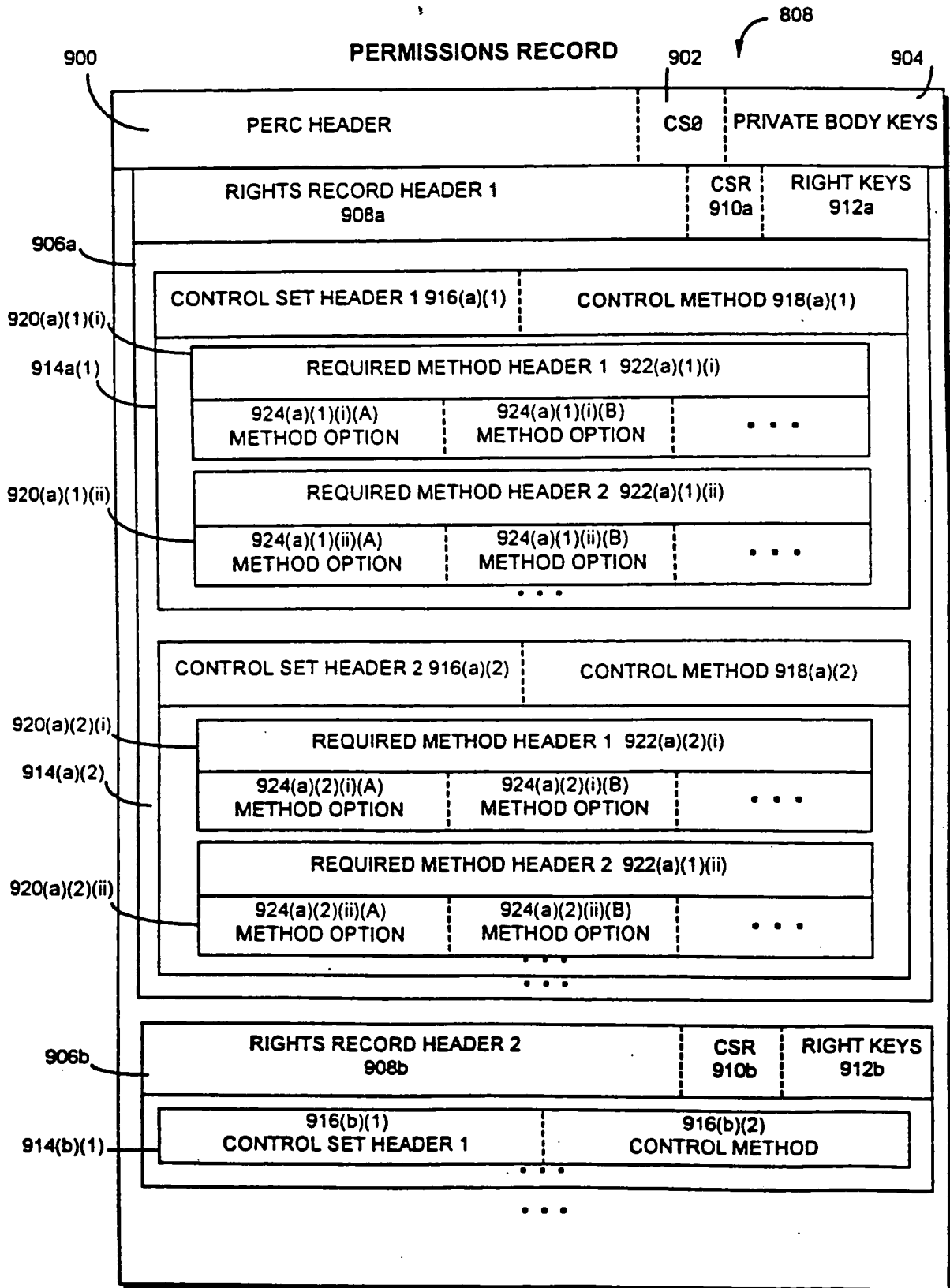


FIG. 26A

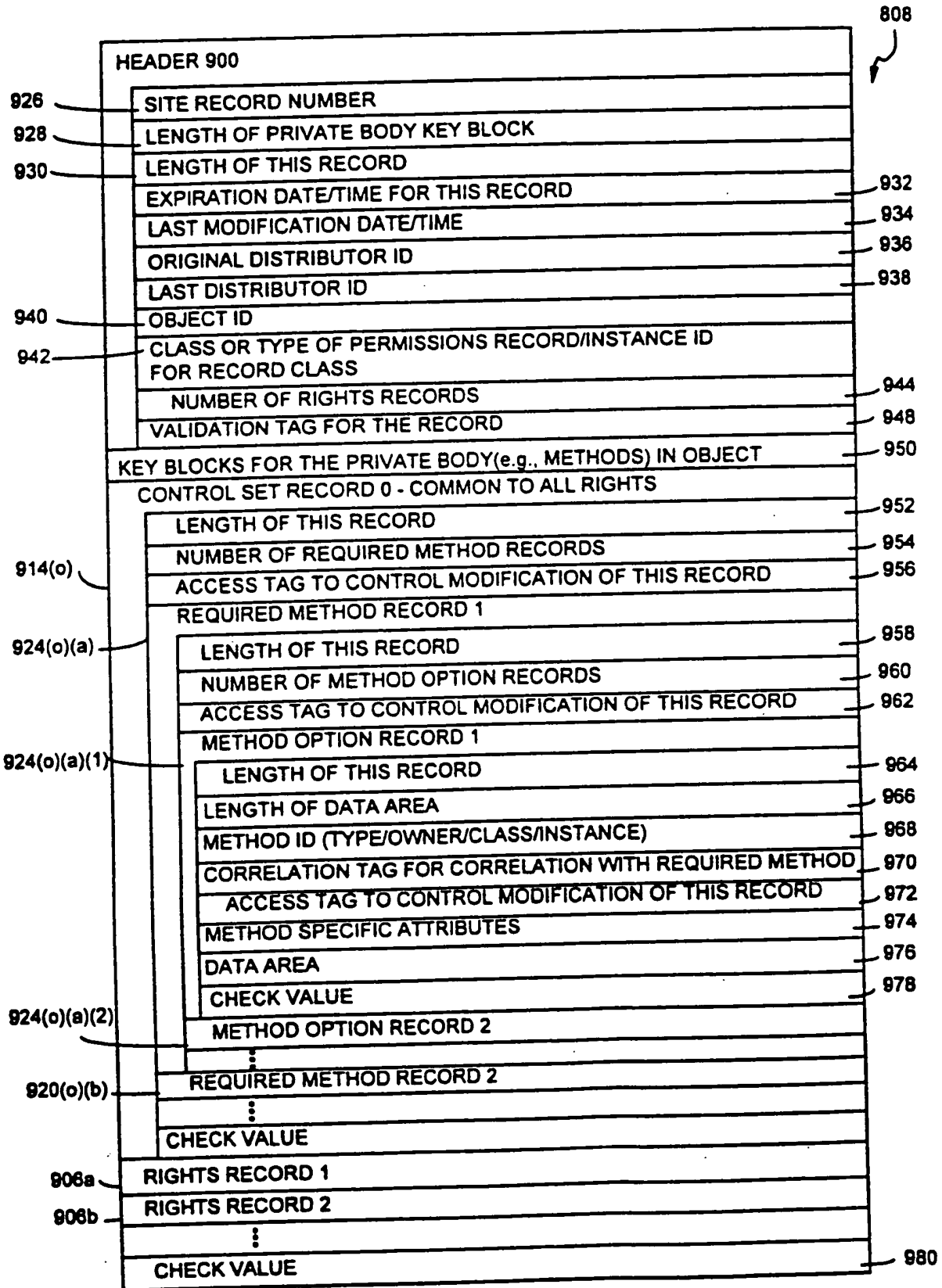


FIG. 26B

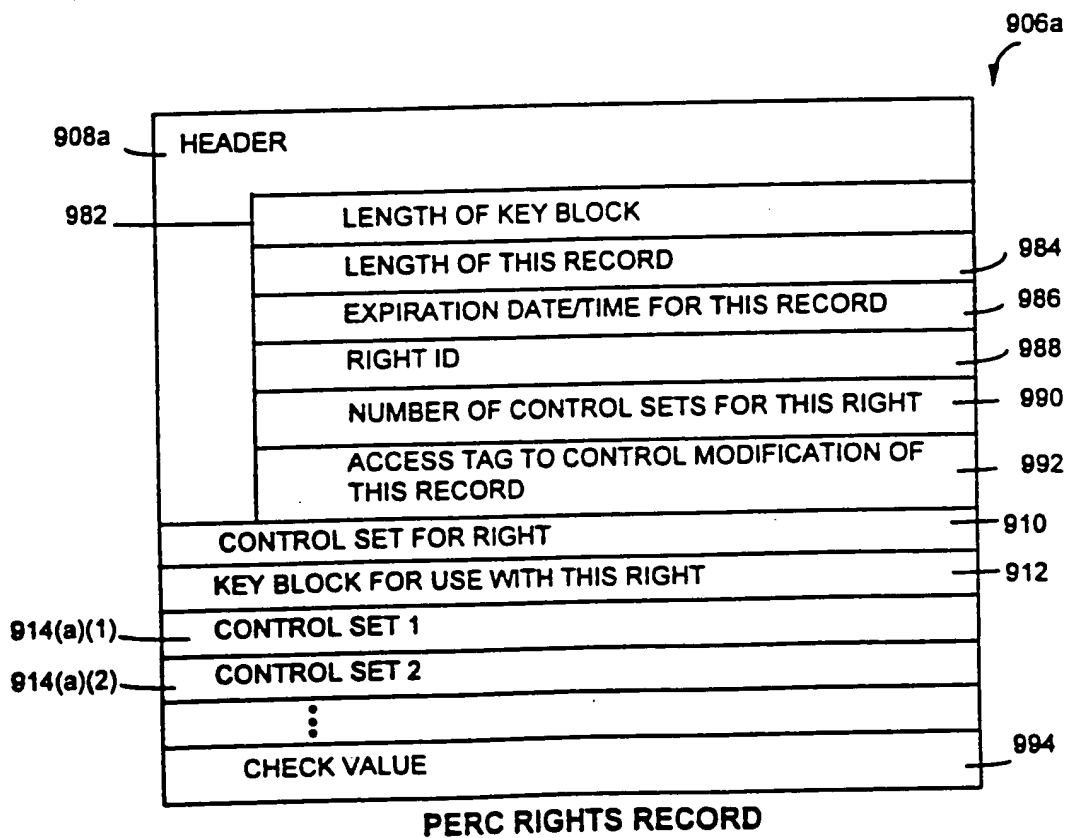


FIG. 27
SHIPPING TABLE

HEADER 444A	SITE RECORD NUMBER	444A(1)	444
	USER (GROUP) ID	444A(2)	
	REF. TO "FIRST" COMPLETED OUTGOING SHIPPING RECORD	444A(3)	
	REF. TO "LAST" COMPLETED OUTGOING SHIPPING RECORD	444A(4)	
	REF. TO "FIRST" SCHEDULED OUTGOING SHIPPING RECORD	444A(5)	
	REF. TO "LAST" SCHEDULED OUTGOING SHIPPING RECORD	444A(6)	
	VALIDATION TAG FROM NAME SERVICES RECORD	444A(7)	
	VALIDATION TAG FOR "FIRST" OUTGOING SHIPPING RECORD(S)	444A(8)	
	CHECK VALUE	444A(9)	
SHIPPING RECORD 445(1)	SITE RECORD NUMBER	445(1)(A)	
	FIRST DATE/TIME FOR SCHEDULED SHIPMENT	445(1)(B)	
	LAST DATE/TIME FOR SCHEDULED SHIPMENT	445(1)(C)	
	ACTUAL DATE/TIME OF COMPLETED SHIPMENT	445(1)(D)	
	OBJECT ID OF ADMINISTRATIVE OBJECT (TO BE) SHIPPED	445(1)(E)	
	REF. TO ENTRY IN ADMINISTRATIVE EVENT LOG	445(1)(F)	
	REF. TO NAME SERVICES RECORD NAMING RECIPIENT	445(1)(G)	
	PURPOSE OF SHIPMENT	445(1)(H)	
	STATUS OF SHIPMENT	445(1)(I)	
	REF. TO "PREVIOUS" OUTGOING SHIPPING RECORD	445(1)(J)	
	REF. TO "NEXT" OUTGOING SHIPPING RECORD	445(1)(K)	
	VALIDATION TAG FROM HEADER	445(1)(L)	
	VALIDATION TAG TO ADMINISTRATIVE EVENT LOG	445(1)(M)	
	VALIDATION TAG TO NAME SERVICES RECORD	445(1)(N)	
	VALIDATION TAG FROM PREVIOUS RECORD	445(1)(O)	
	VALIDATION TAG TO NEXT RECORD	445(1)(P)	
	CHECK VALUE	445(1)(Q)	
	⋮		
	SHIPPING RECORD N	445(1)(R)	

004080" 1162E950

FIG. 28
RECEIVING TABLE

HEADER 446A	SITE RECORD NUMBER	446A(1)	446
	USER (GROUP) ID	446A(2)	
	REF. TO "FIRST" COMPLETED INCOMING RECEIVING RECORD	446A(3)	
	REF. TO "LAST" COMPLETED INCOMING RECEIVING RECORD	446A(4)	
	REF. TO "FIRST" SCHEDULED INCOMING RECEIVING RECORD	446A(5)	
	REF. TO "LAST" SCHEDULED INCOMING RECEIVING RECORD	446A(6)	
	VALIDATION TAG FROM NAME SERVICES RECORD	446A(7)	
	VALIDATION TAG FOR "FIRST" INCOMING RECEIVING RECORD(S)	446A(8)	
	CHECK VALUE	446A(9)	
RECEIVING RECORD 447(1)	SITE RECORD NUMBER	447(1)(A)	
	FIRST DATE/TIME FOR SCHEDULED RECEPTION	447(1)(B)	
	LAST DATE/TIME FOR SCHEDULED RECEPTION	447(1)(C)	
	ACTUAL DATE/TIME OF COMPLETED RECEPTION	447(1)(D)	
	OBJECT ID OF ADMINISTRATIVE OBJECT (TO BE) RECEIVED	447(1)(E)	
	REF. TO ENTRY IN ADMINISTRATIVE EVENT LOG	447(1)(F)	
	REF. TO NAME SERVICES RECORD NAMING SENDER	447(1)(G)	
	PURPOSE OF RECEPTION	447(1)(H)	
	STATUS OF RECEPTION	447(1)(I)	
	REF. TO "PREVIOUS" INCOMING RECEIVING RECORD	447(1)(J)	
	REF. TO "NEXT" INCOMING RECEIVING RECORD	447(1)(K)	
	VALIDATION TAGS	447(1)(L)	
	CHECK VALUE	447(1)(M)	
	⋮		
	RECEIVING RECORD N	447(2)	

FIG. 29
ADMINISTRATIVE EVENT LOG

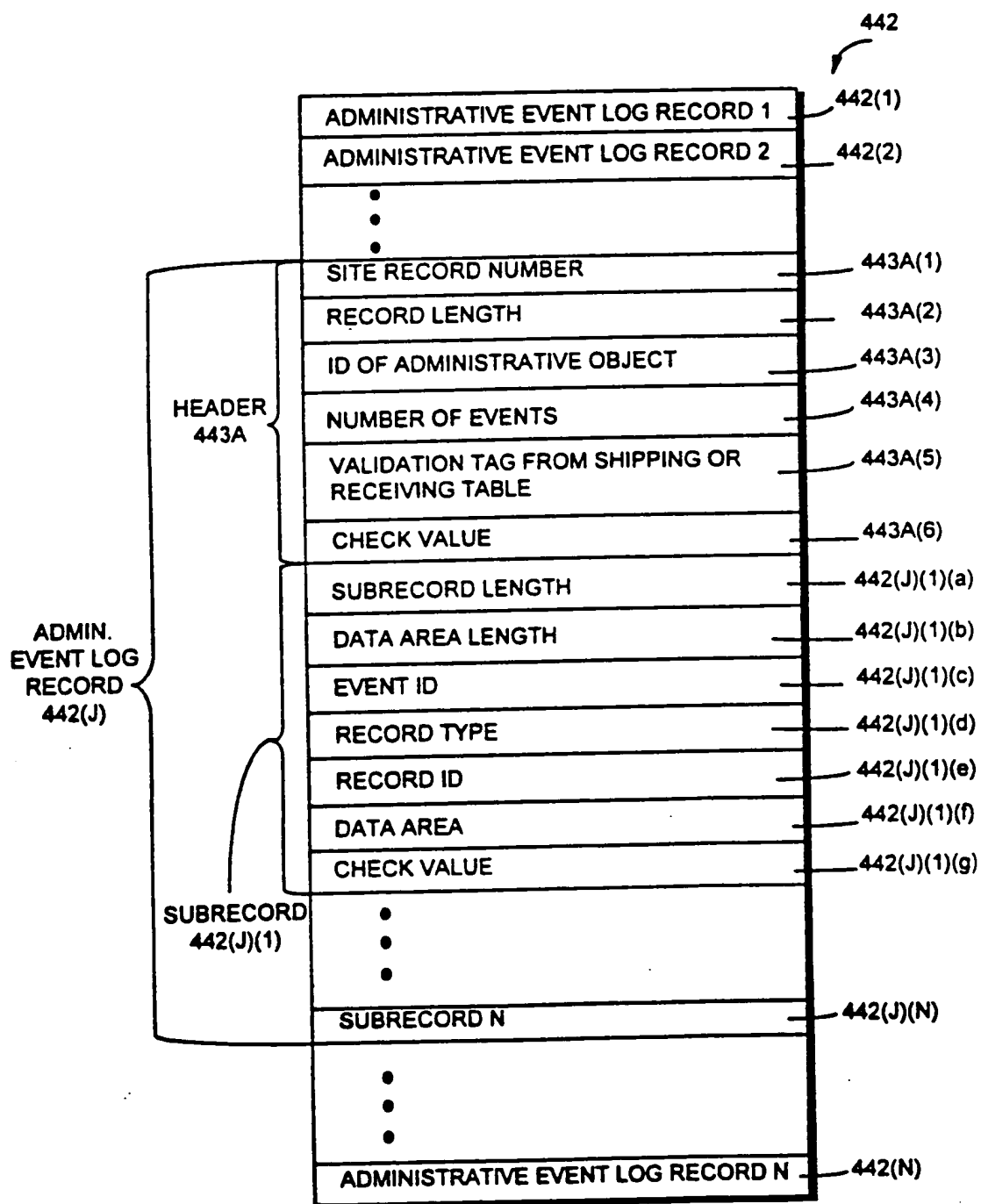
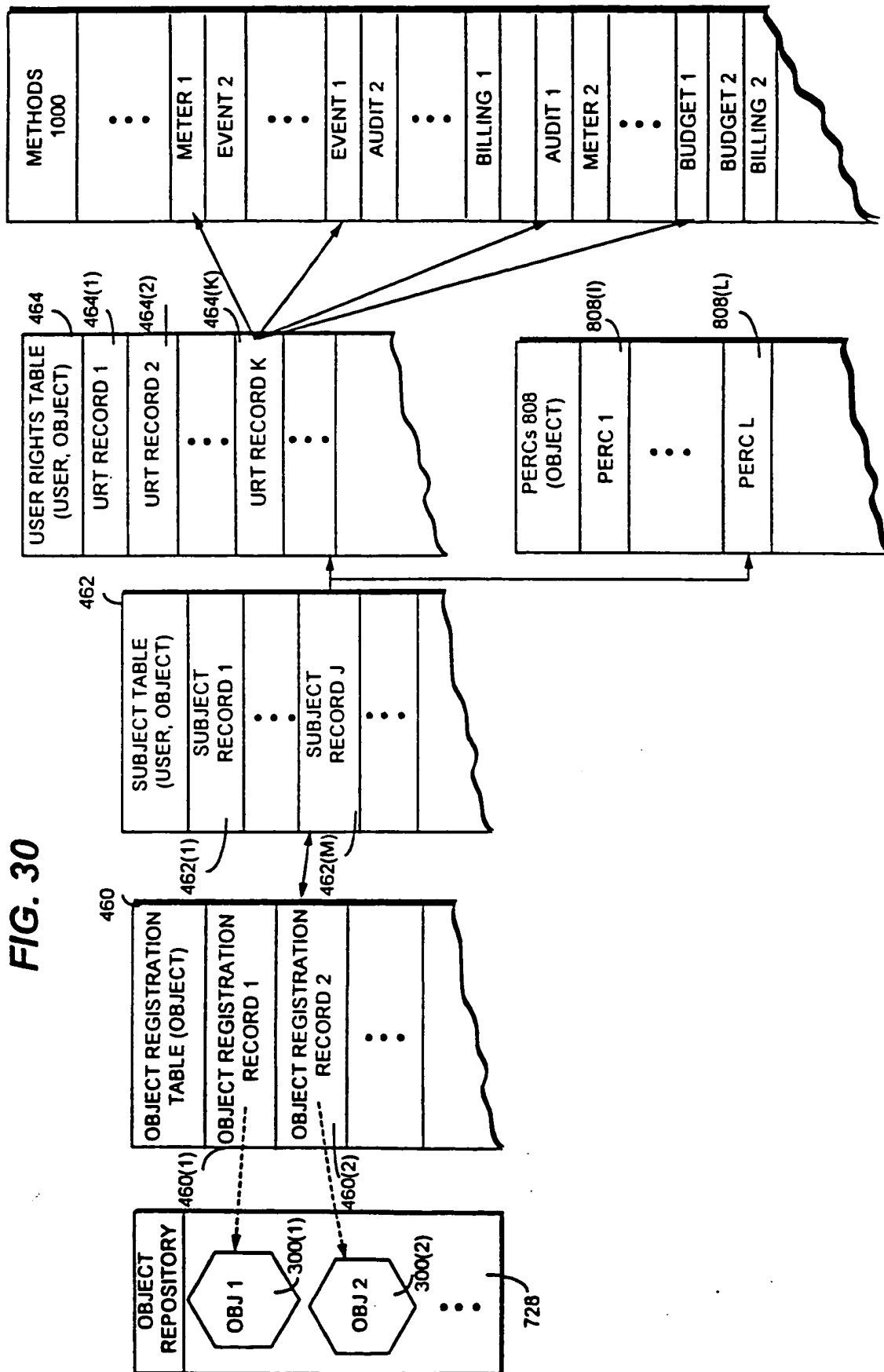


FIG. 30



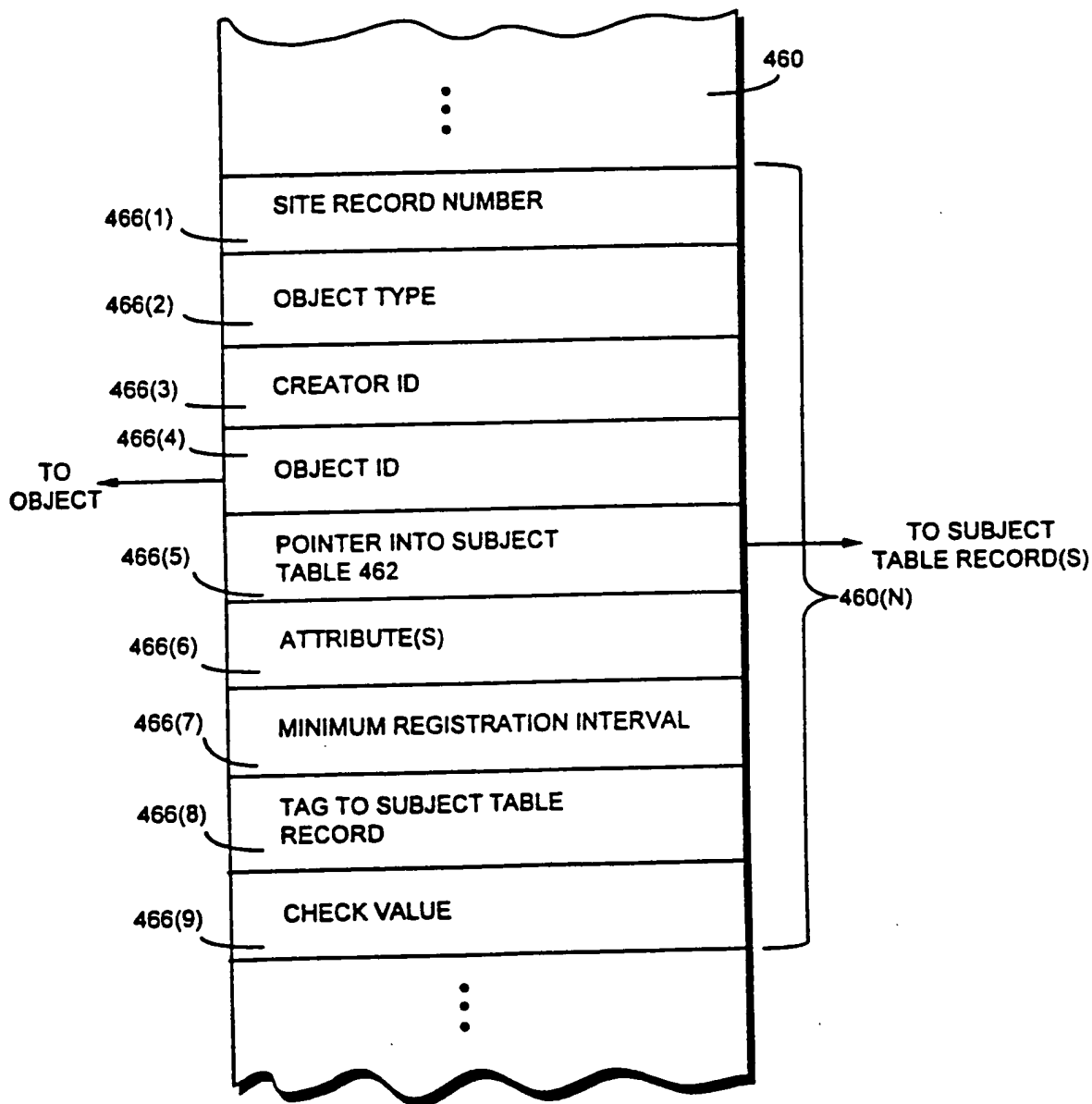


FIG. 31
OBJECT REGISTRATION TABLE

FIG. 32

SUBJECT
TABLE

"HEADER"
468

SUBJECT
RECORD
470(1)

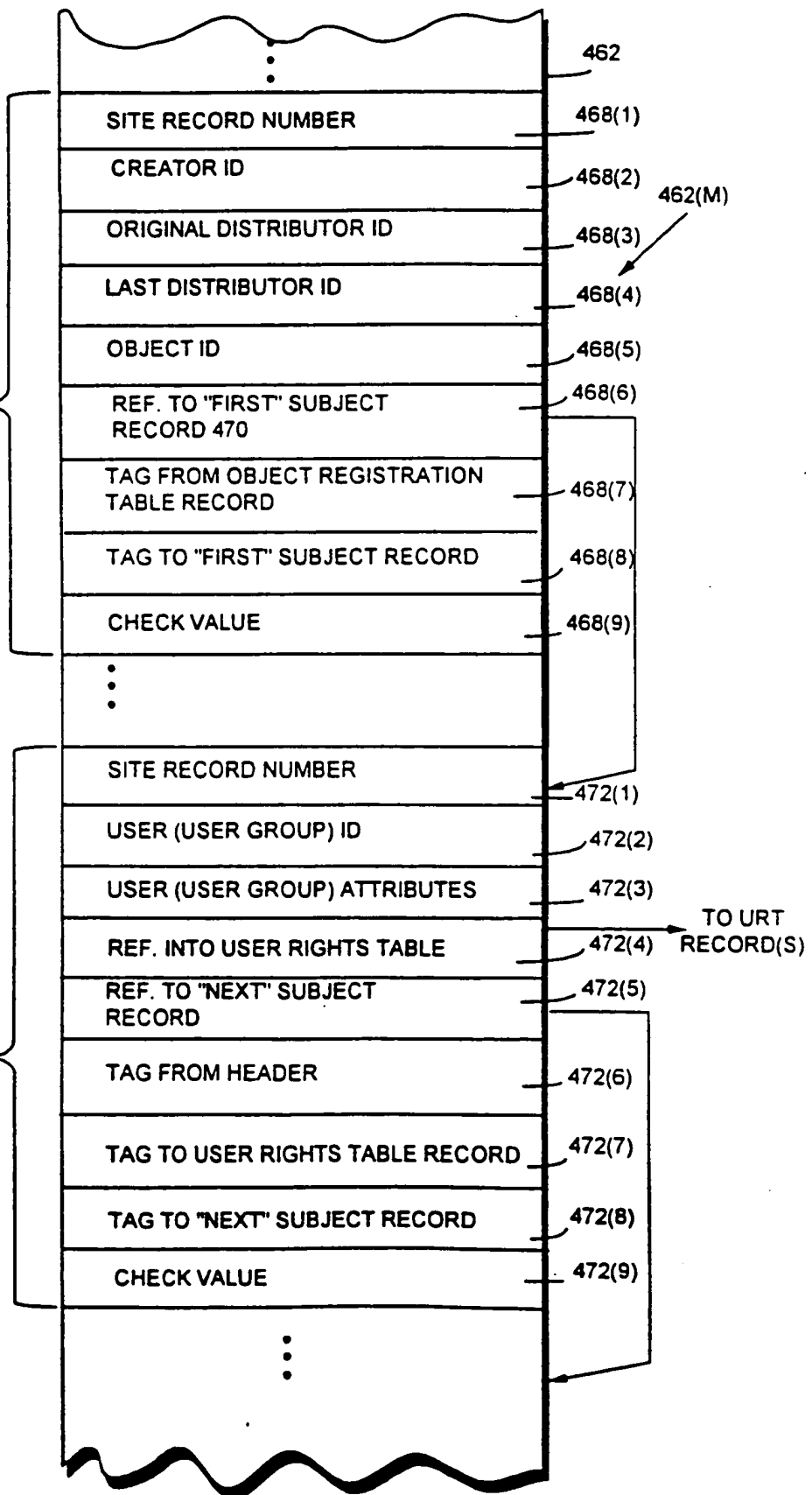
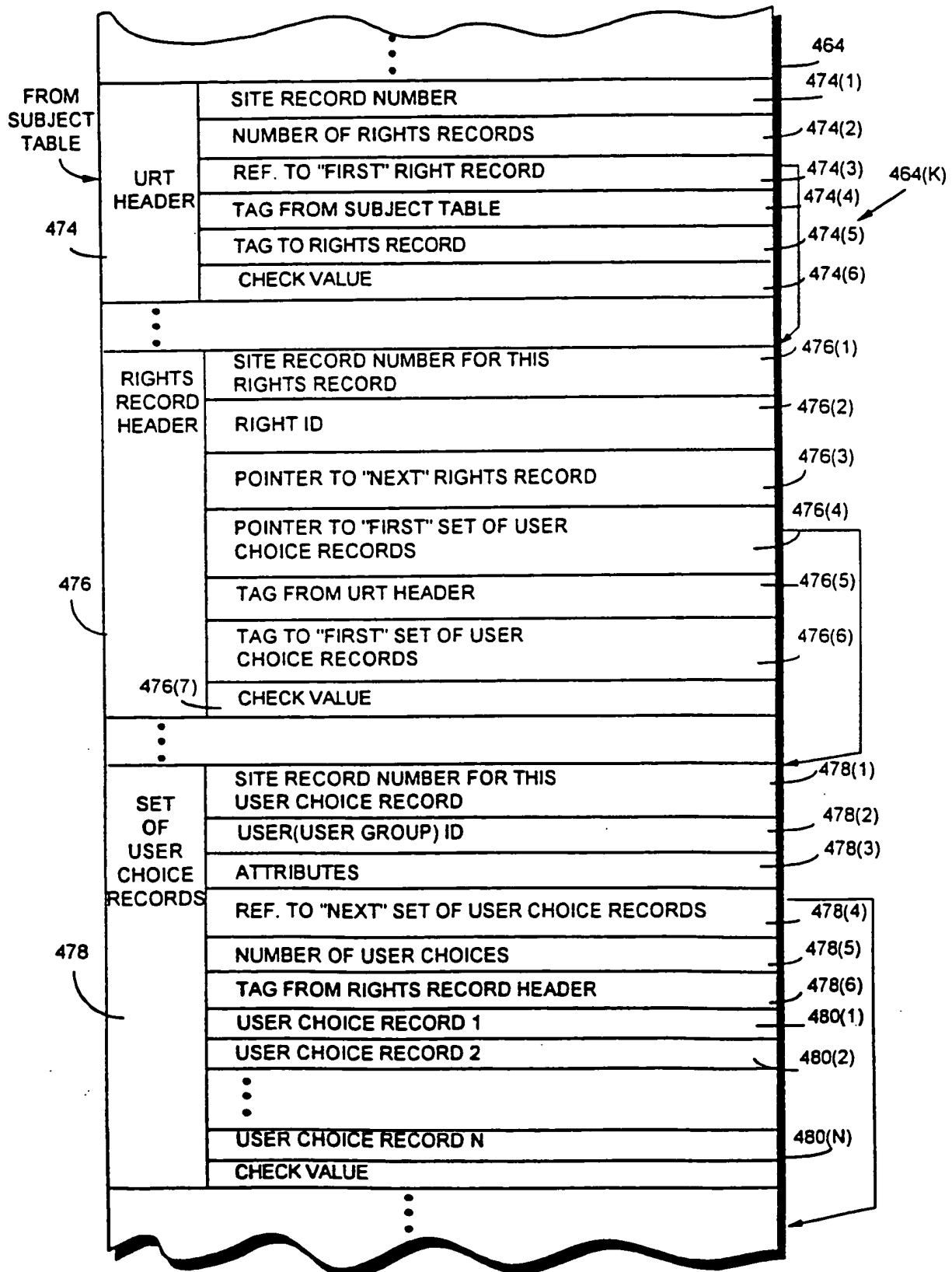


FIG. 33 USER RIGHTS TABLE



004080-1162260

004030" 1162E960

FIG. 34

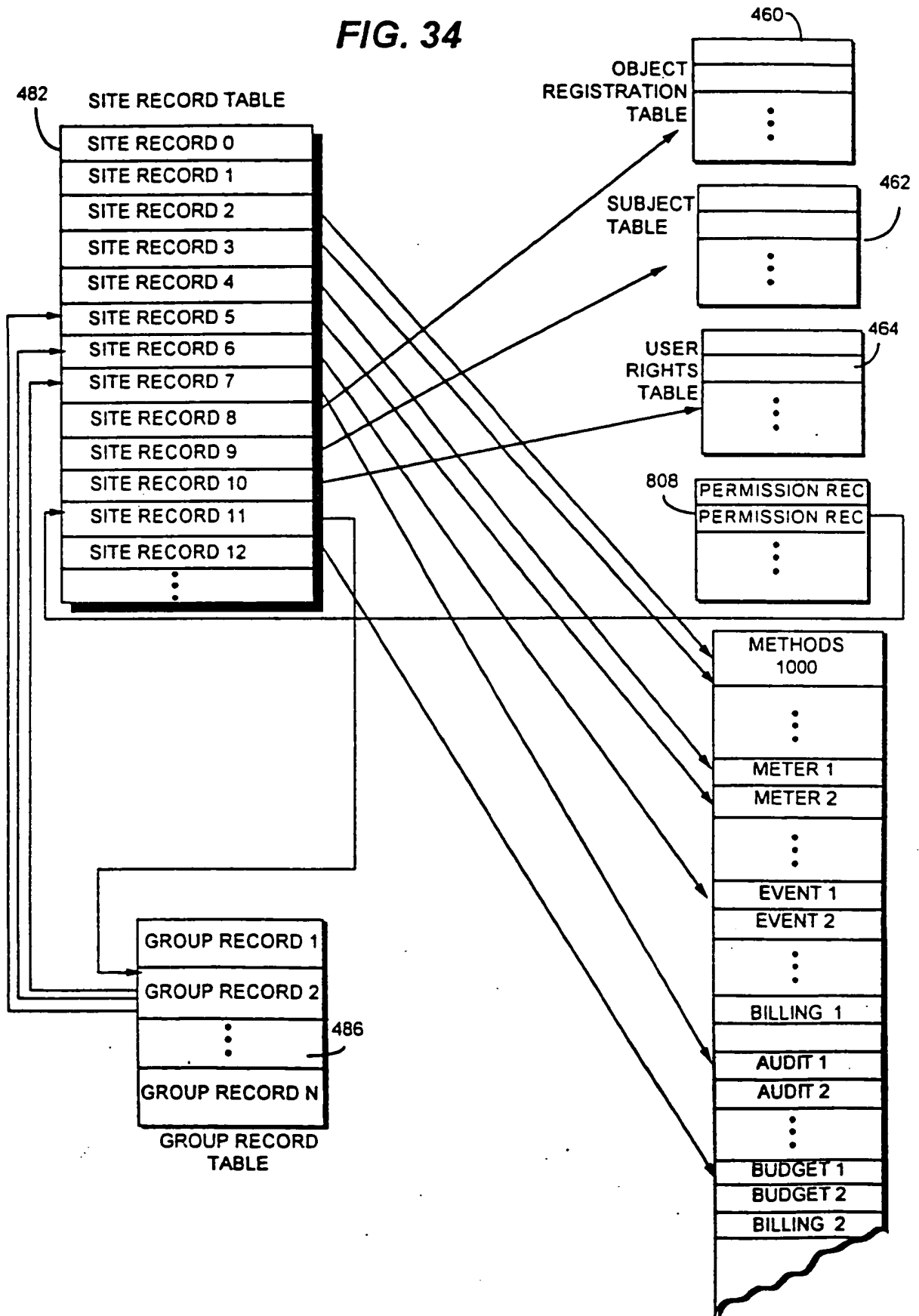


FIG. 34A

SITE RECORD

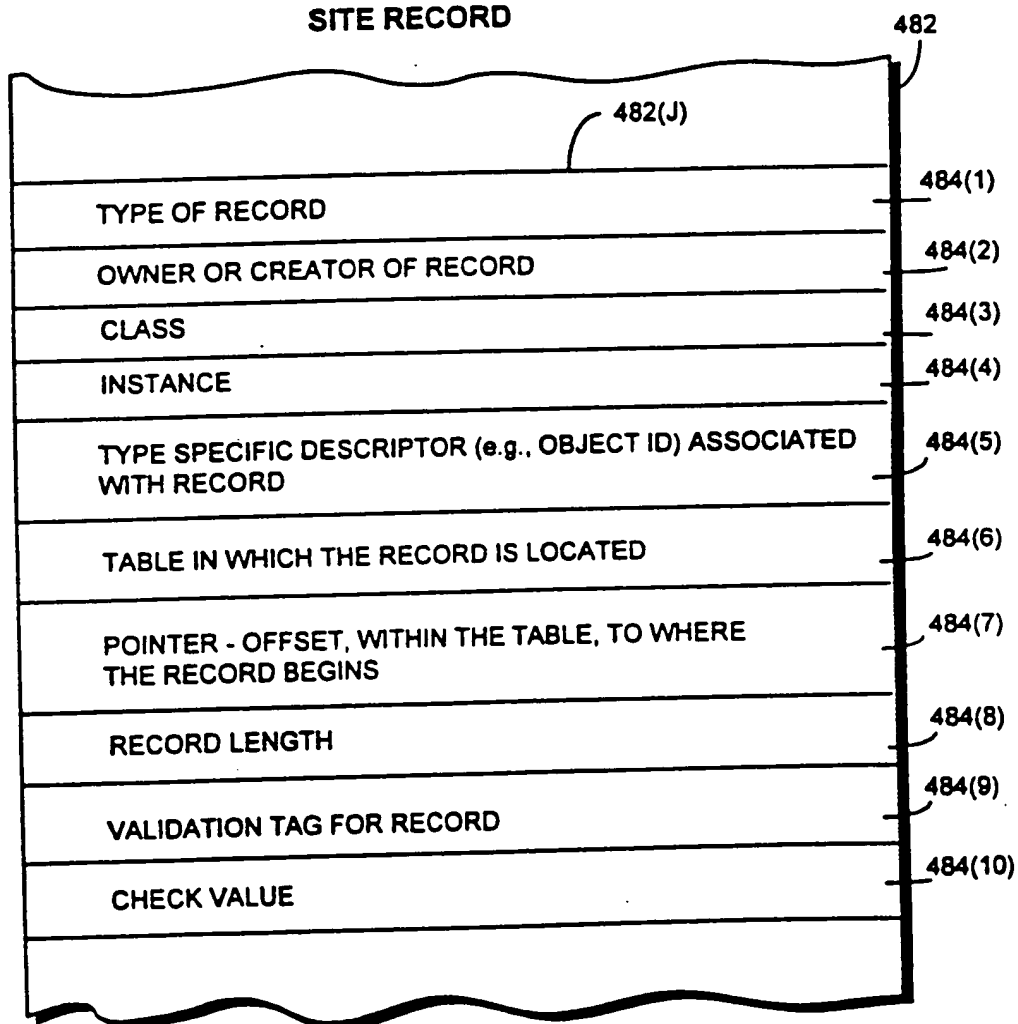
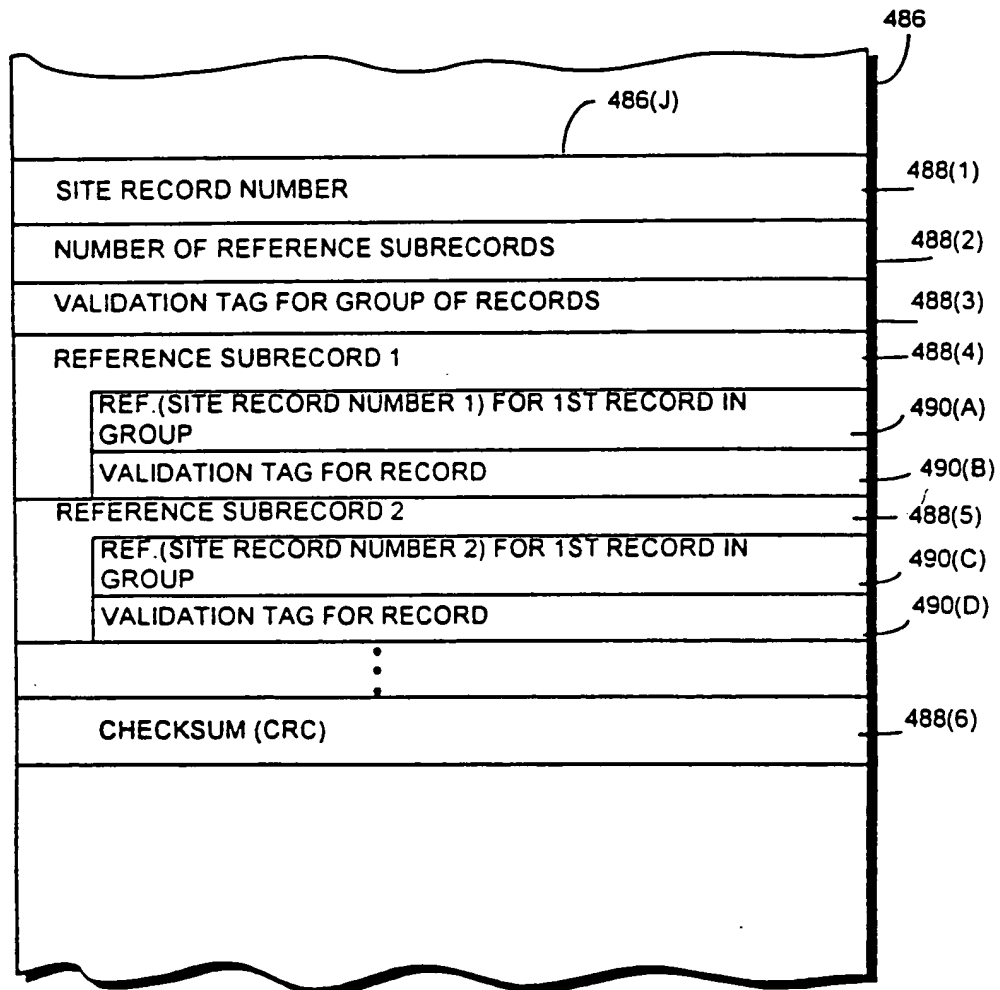


FIG. 34B

GROUP RECORD



004080" 41622960

FIG. 35

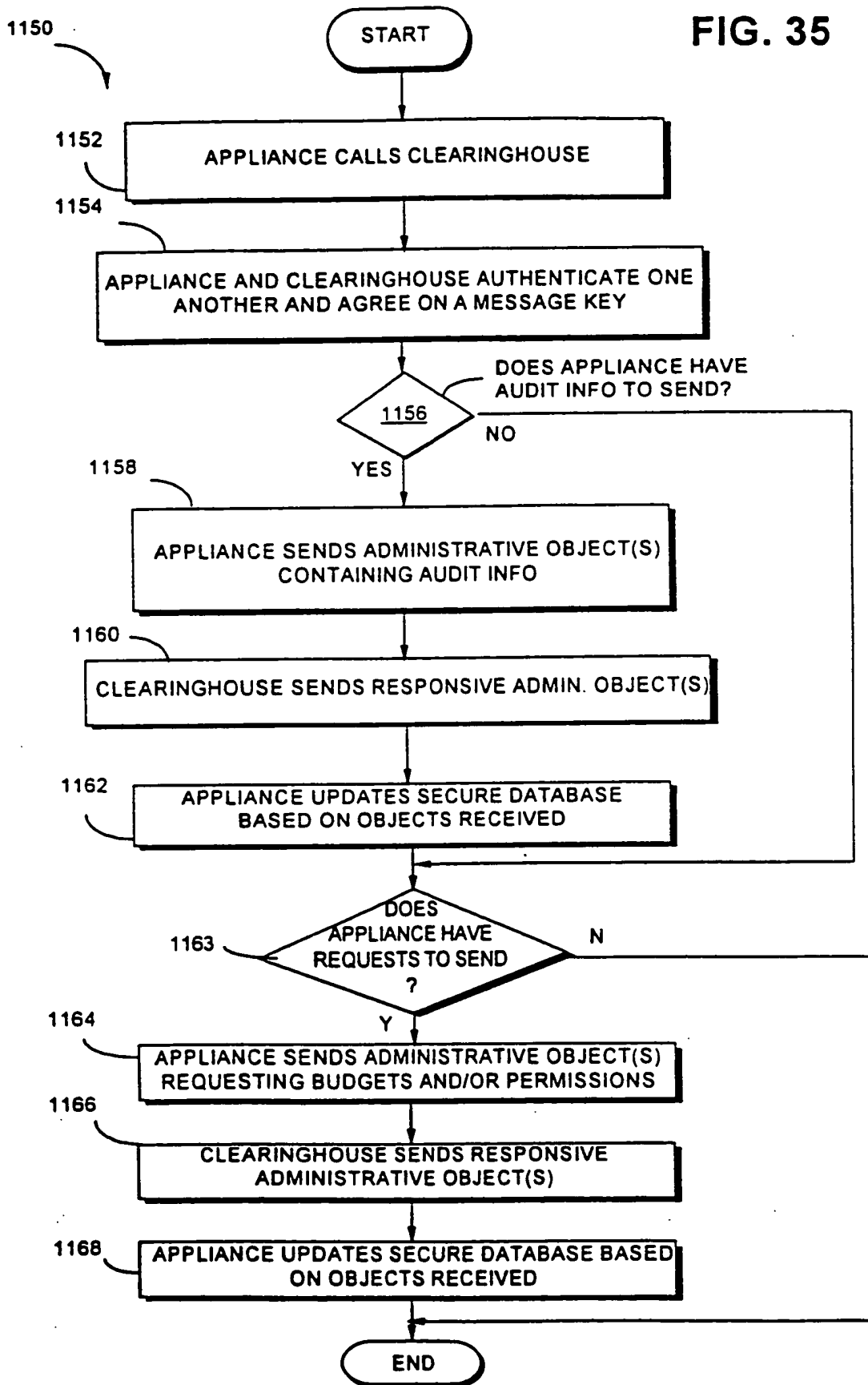


FIG. 36

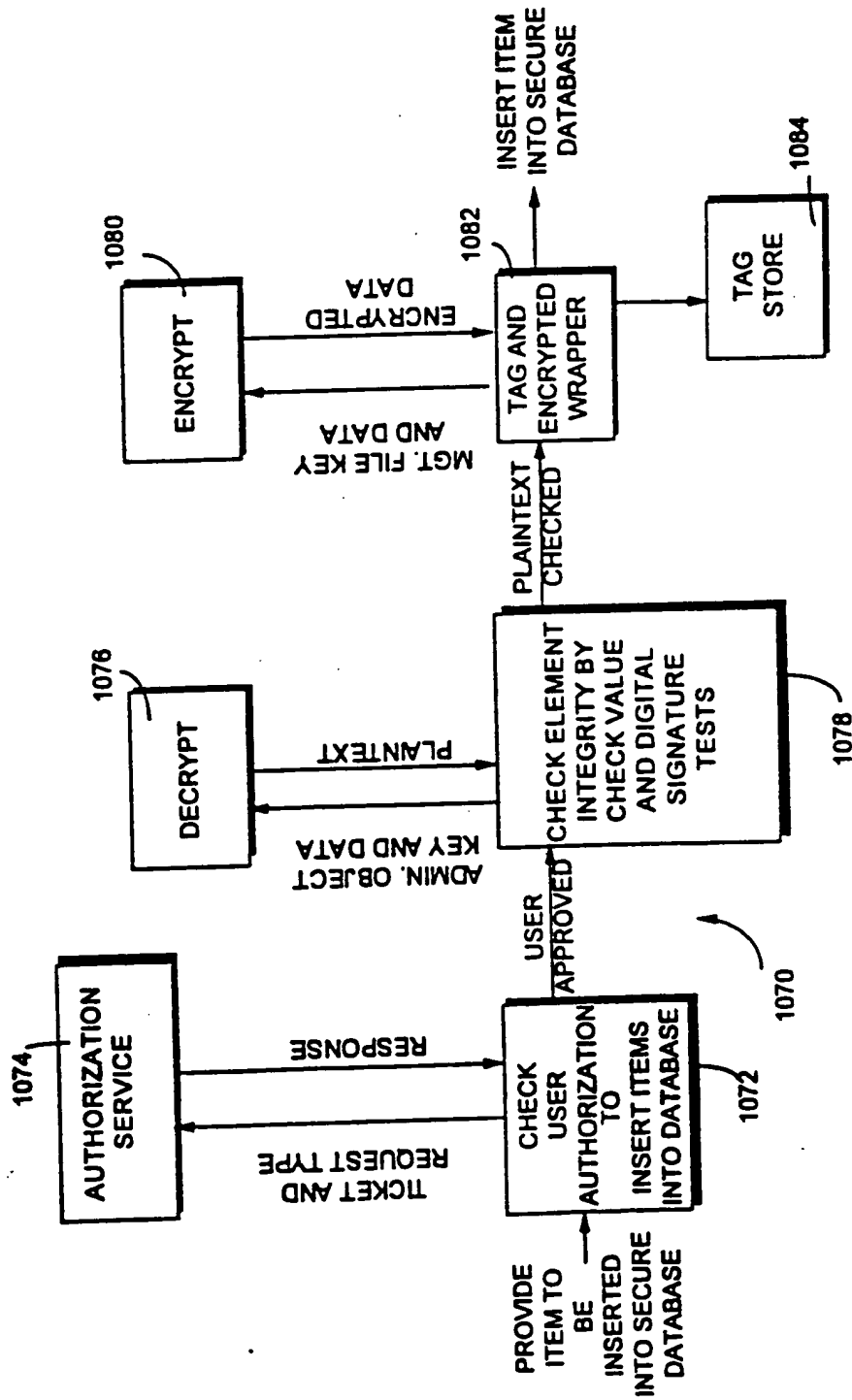


FIG. 37

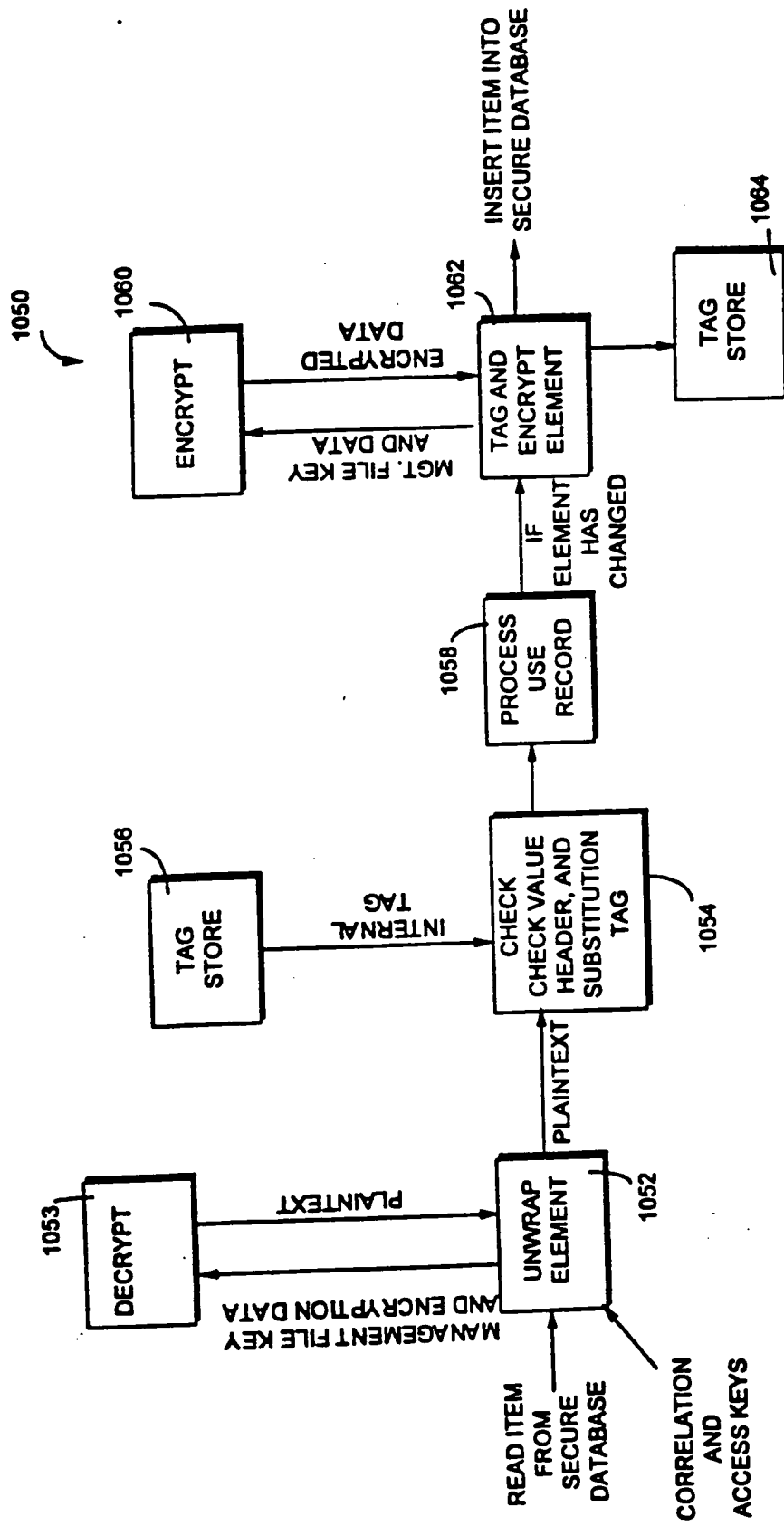


FIG. 38

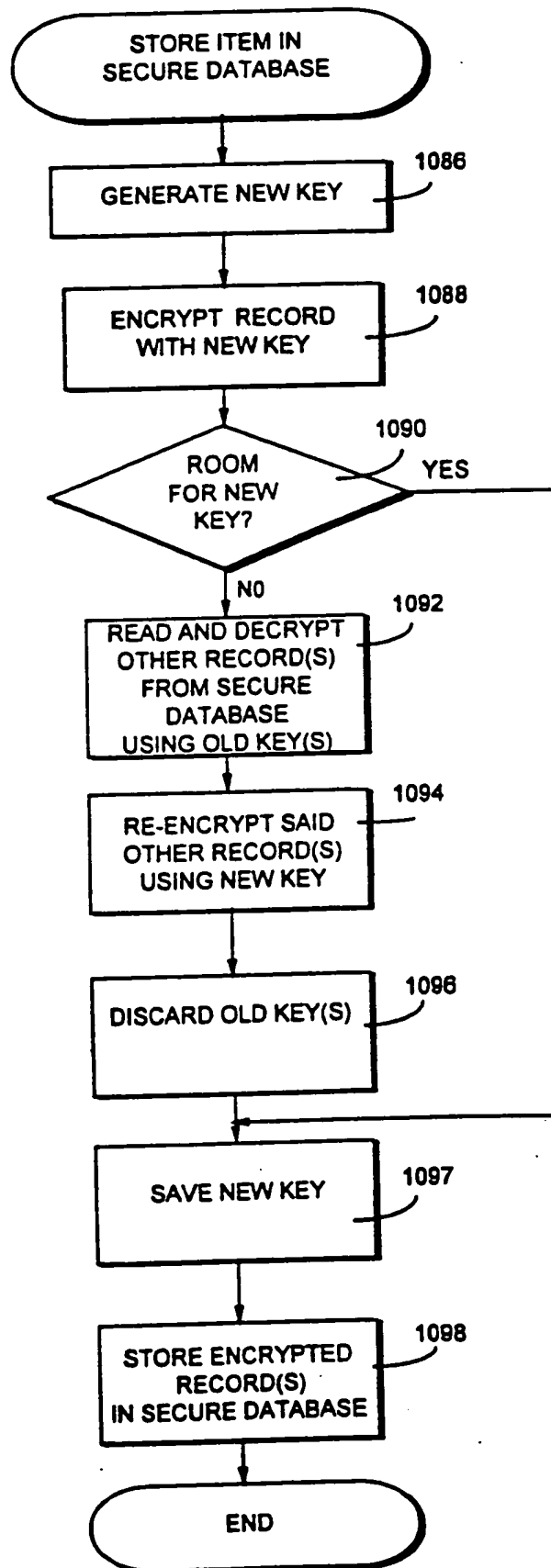


FIG. 39
BACKUP

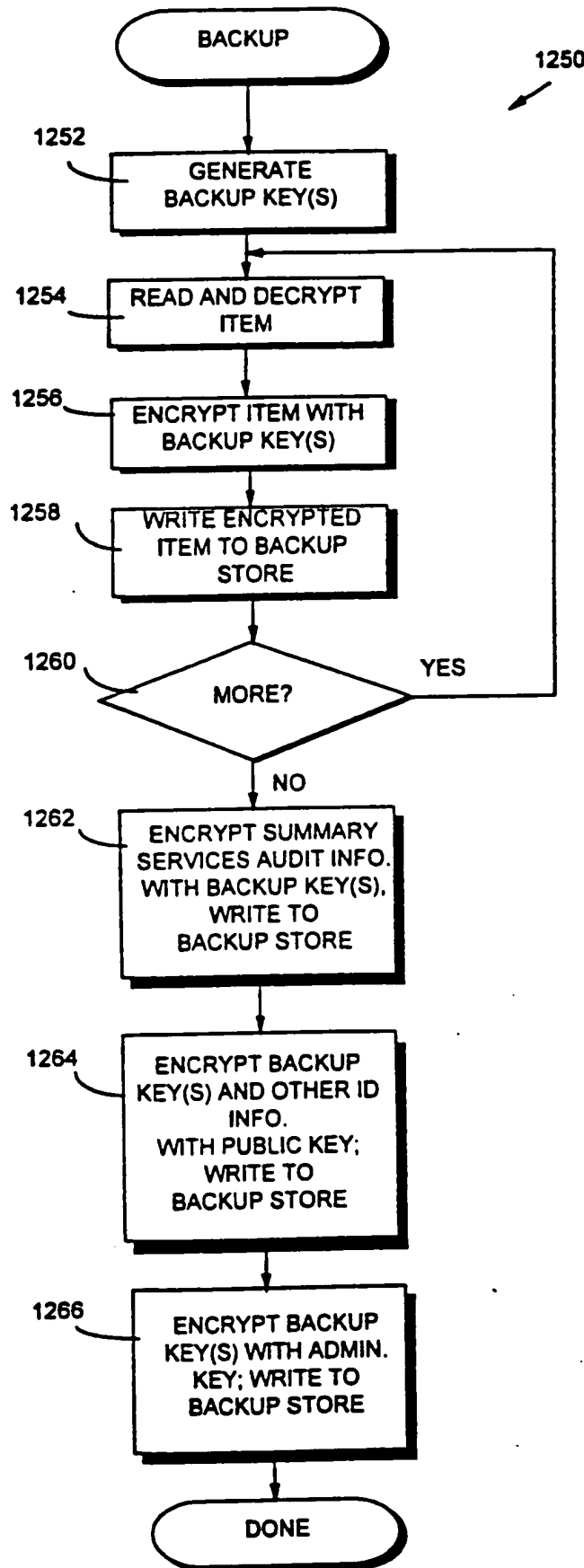
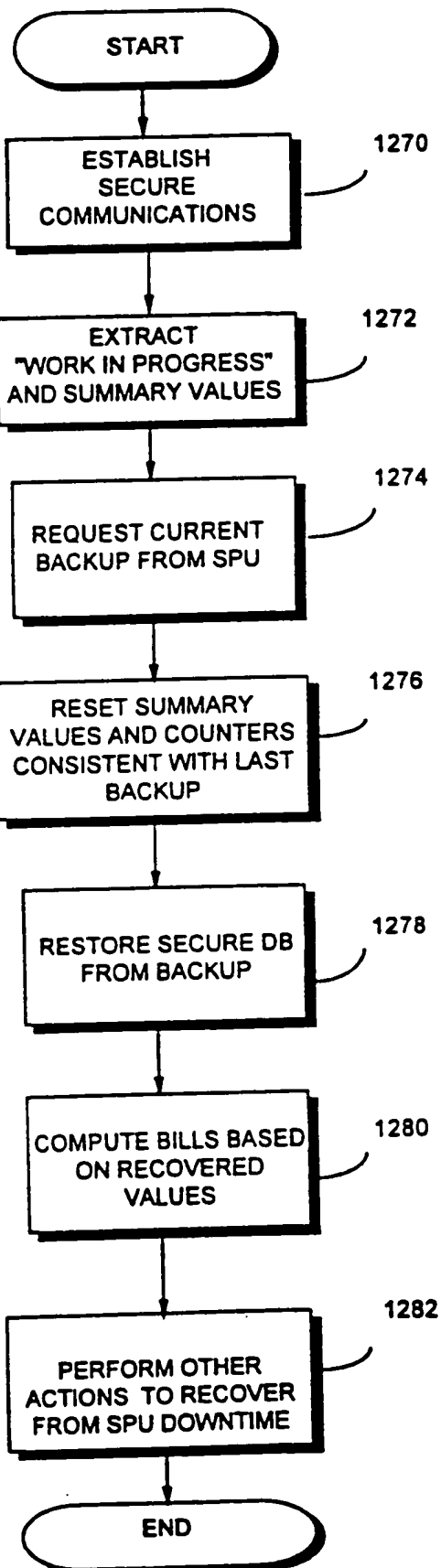


FIG. 40
RECOVER SECURE DATABASE

1268



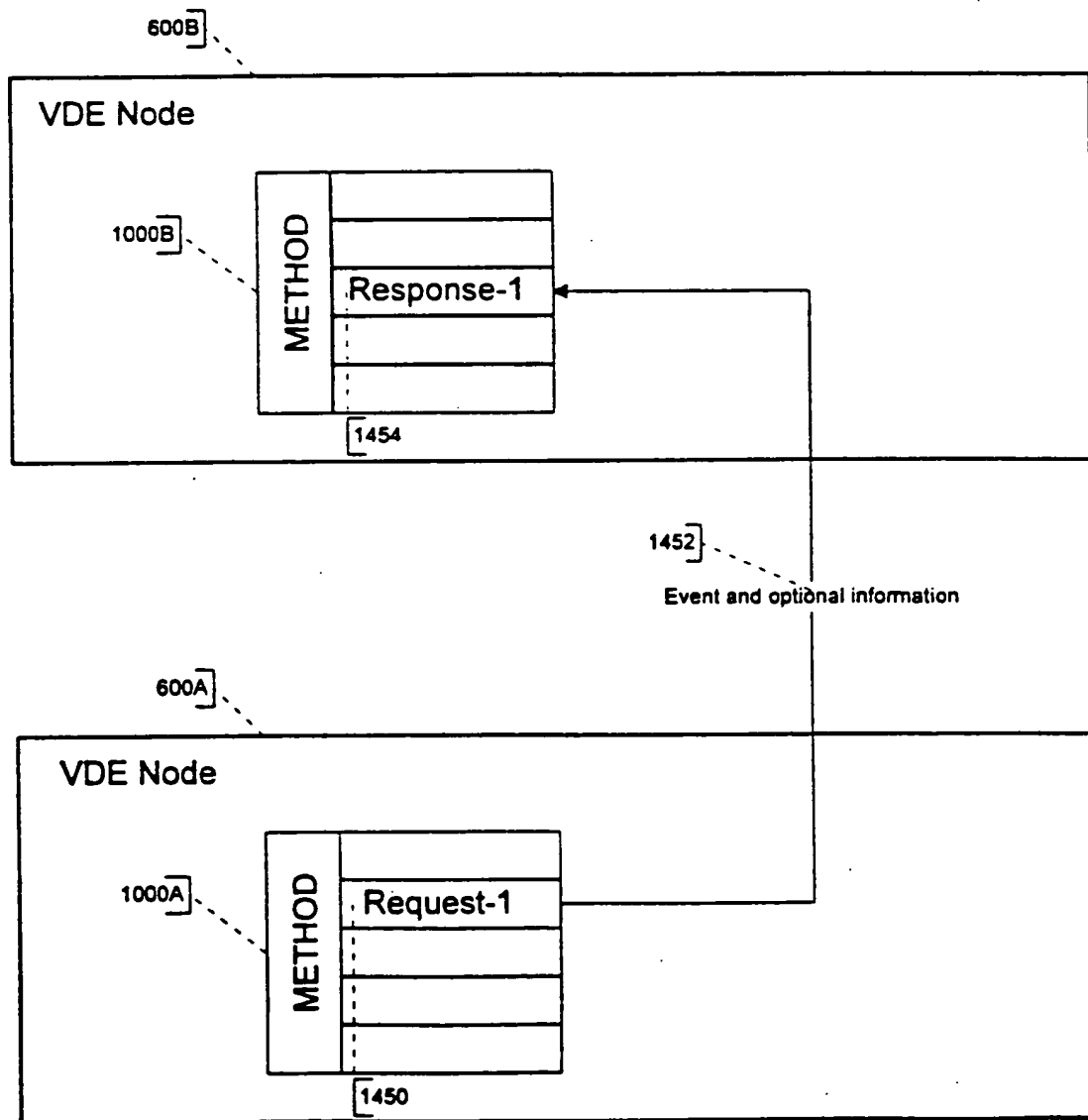


Figure 41a

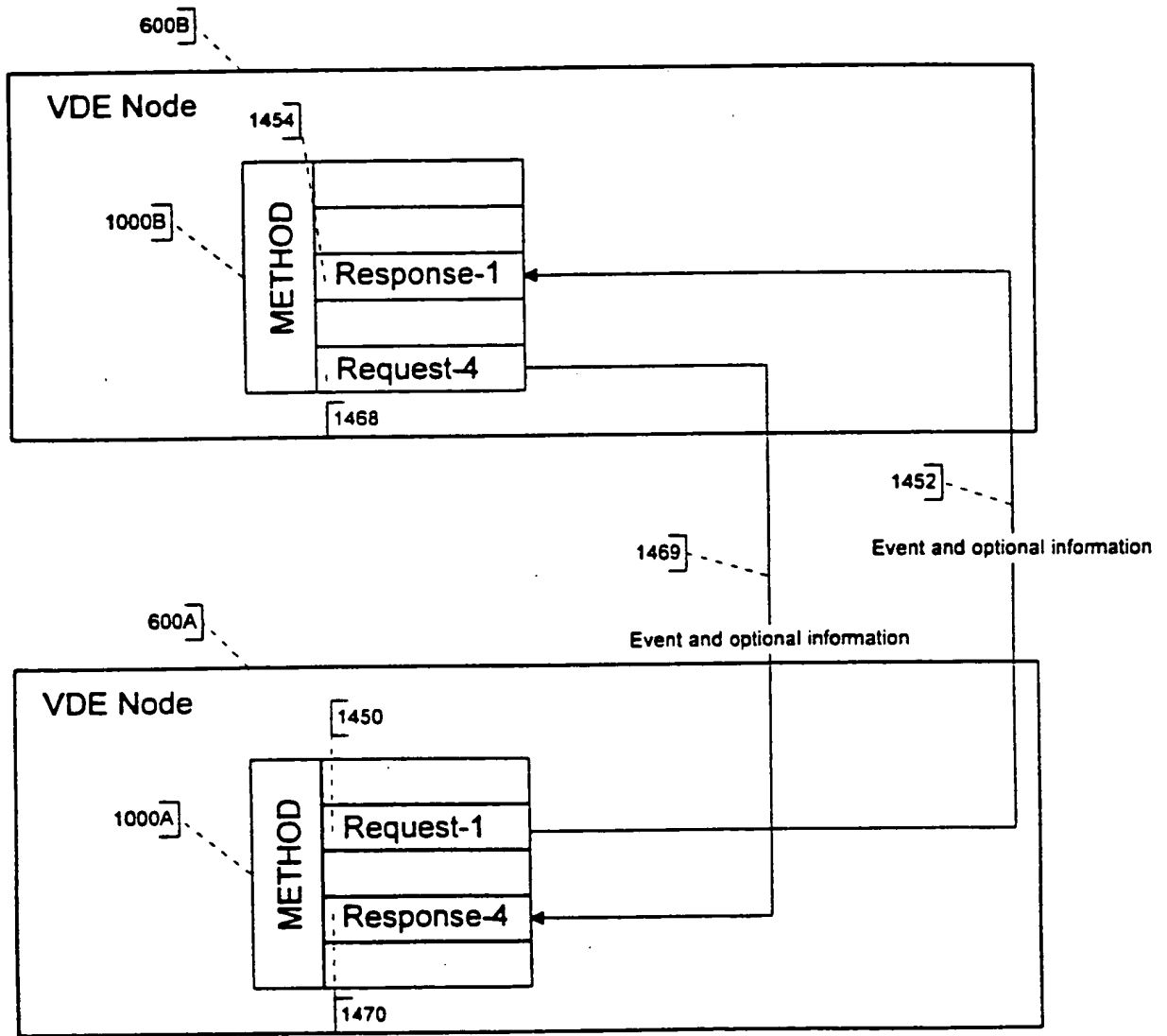


Figure 41b

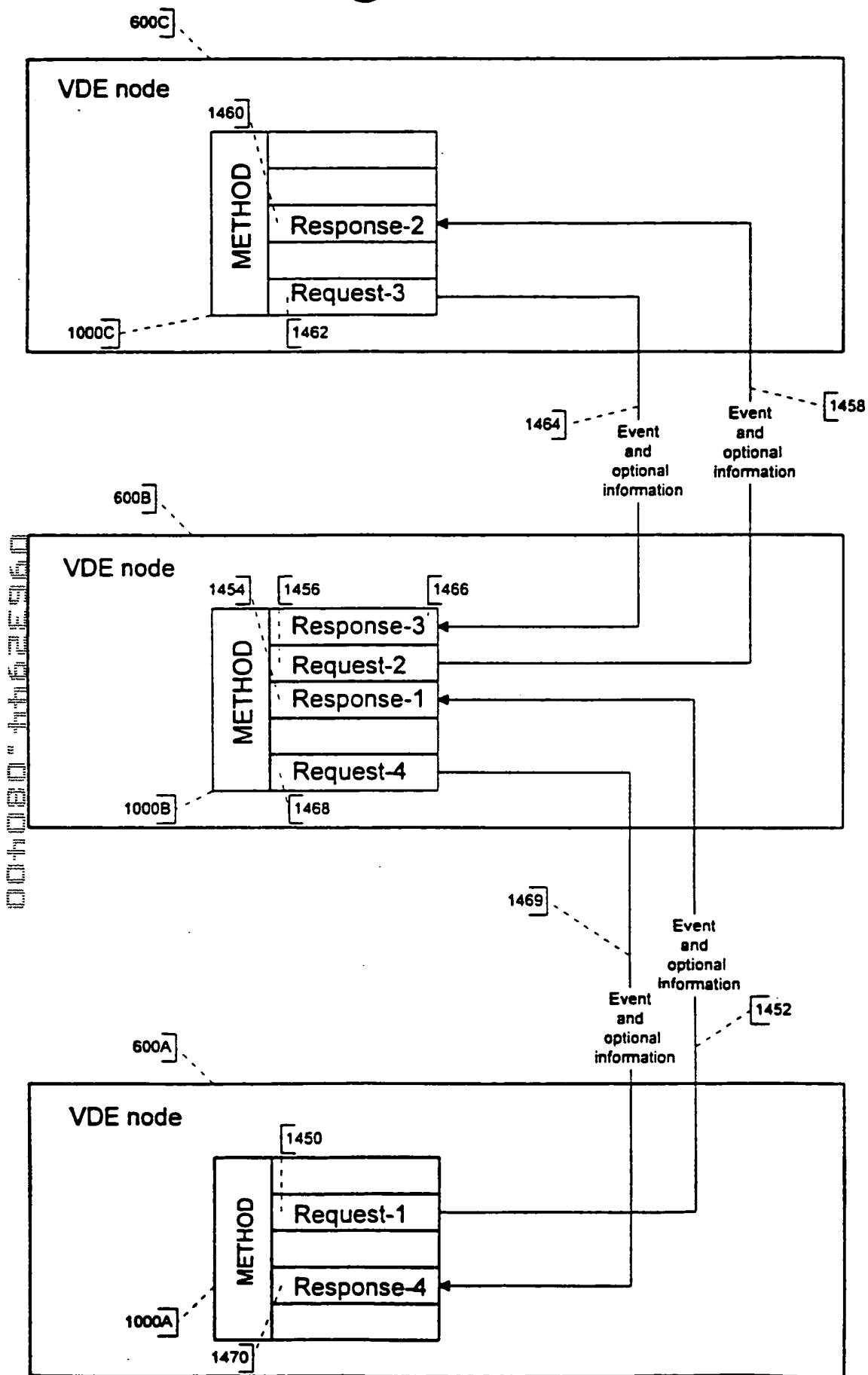


Figure 41c

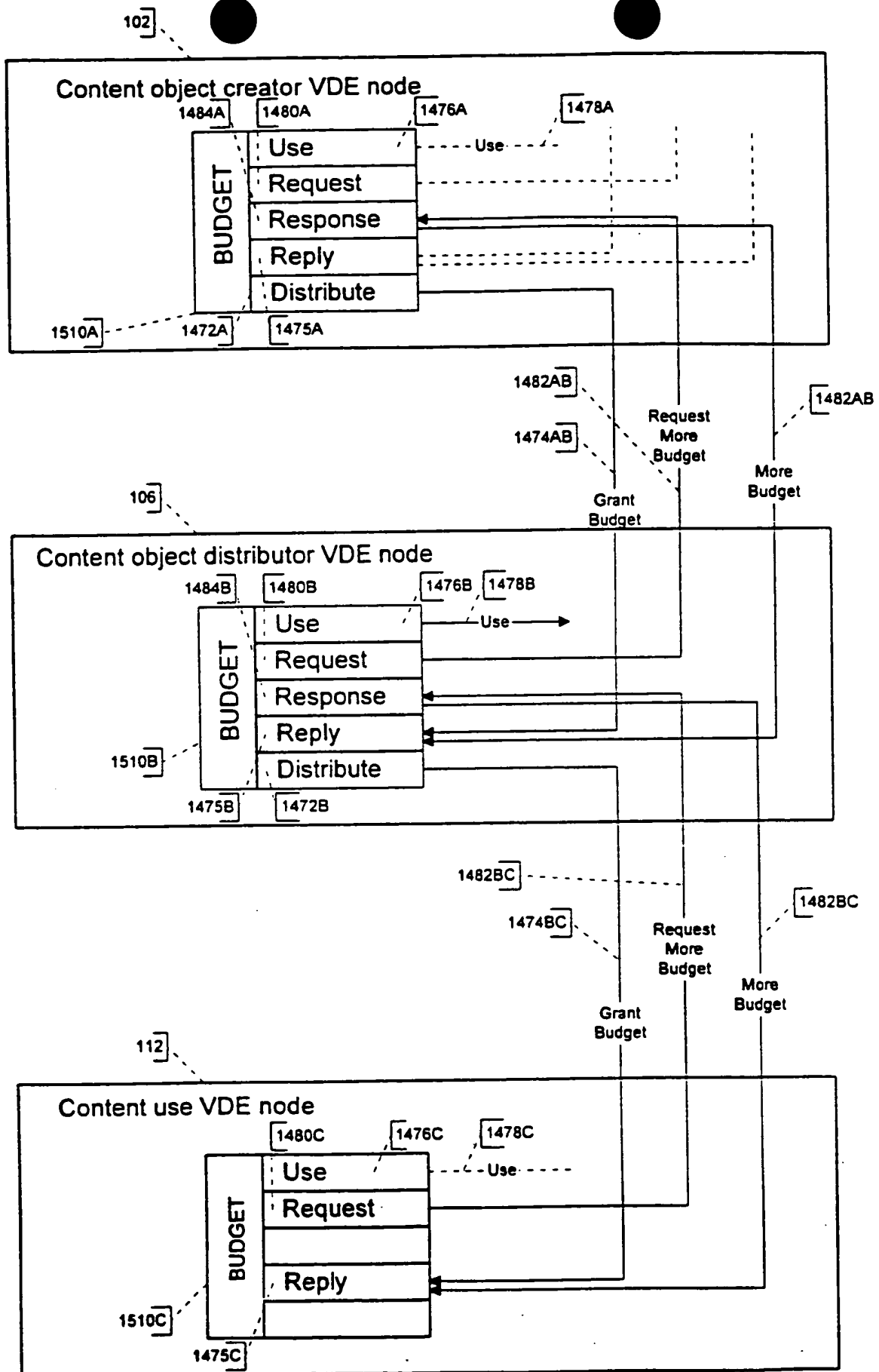


Figure 41d

004030" 11152E960

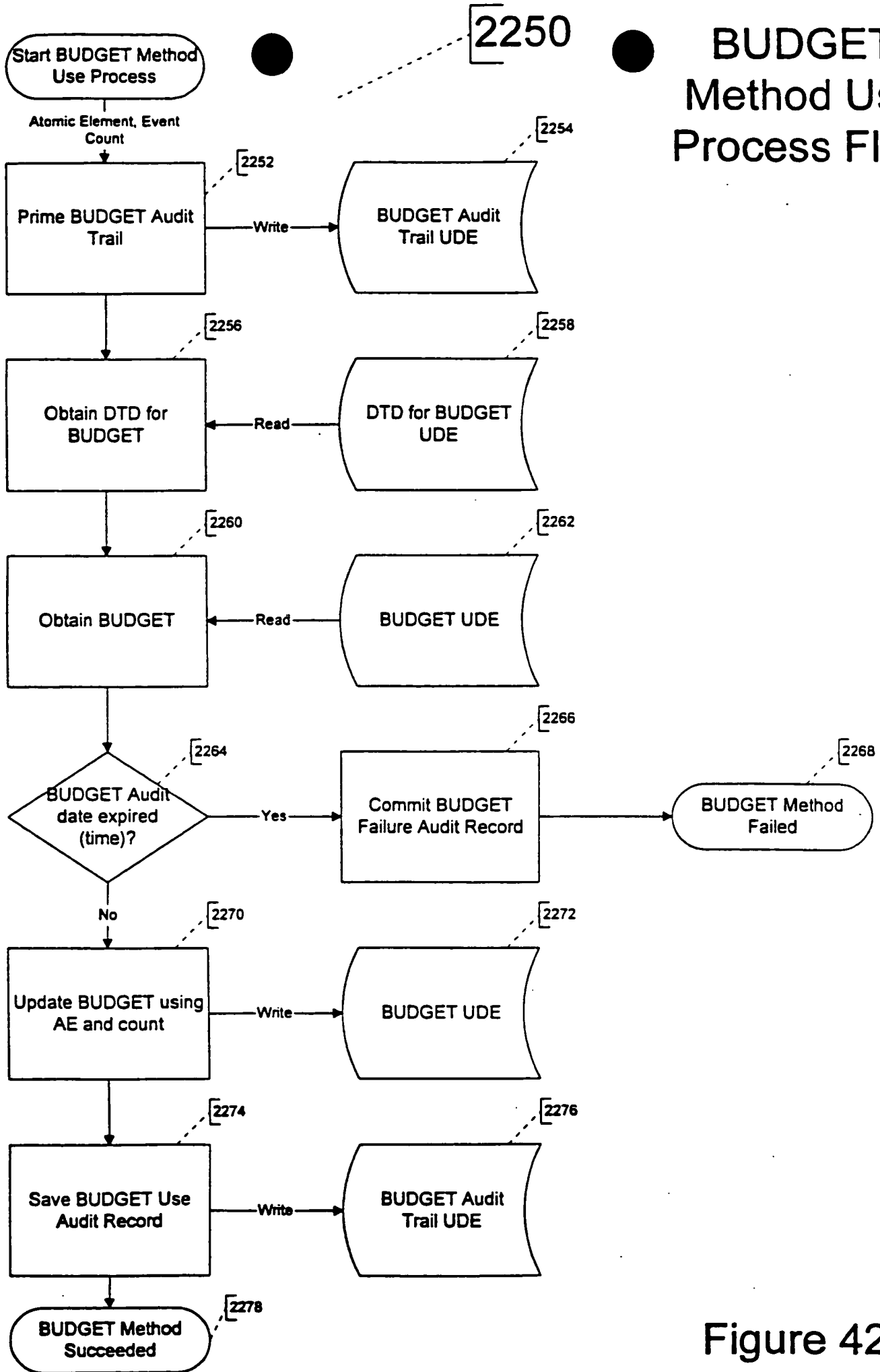


Figure 42a

2250



BUDGET Method Administrative Response Process Flow

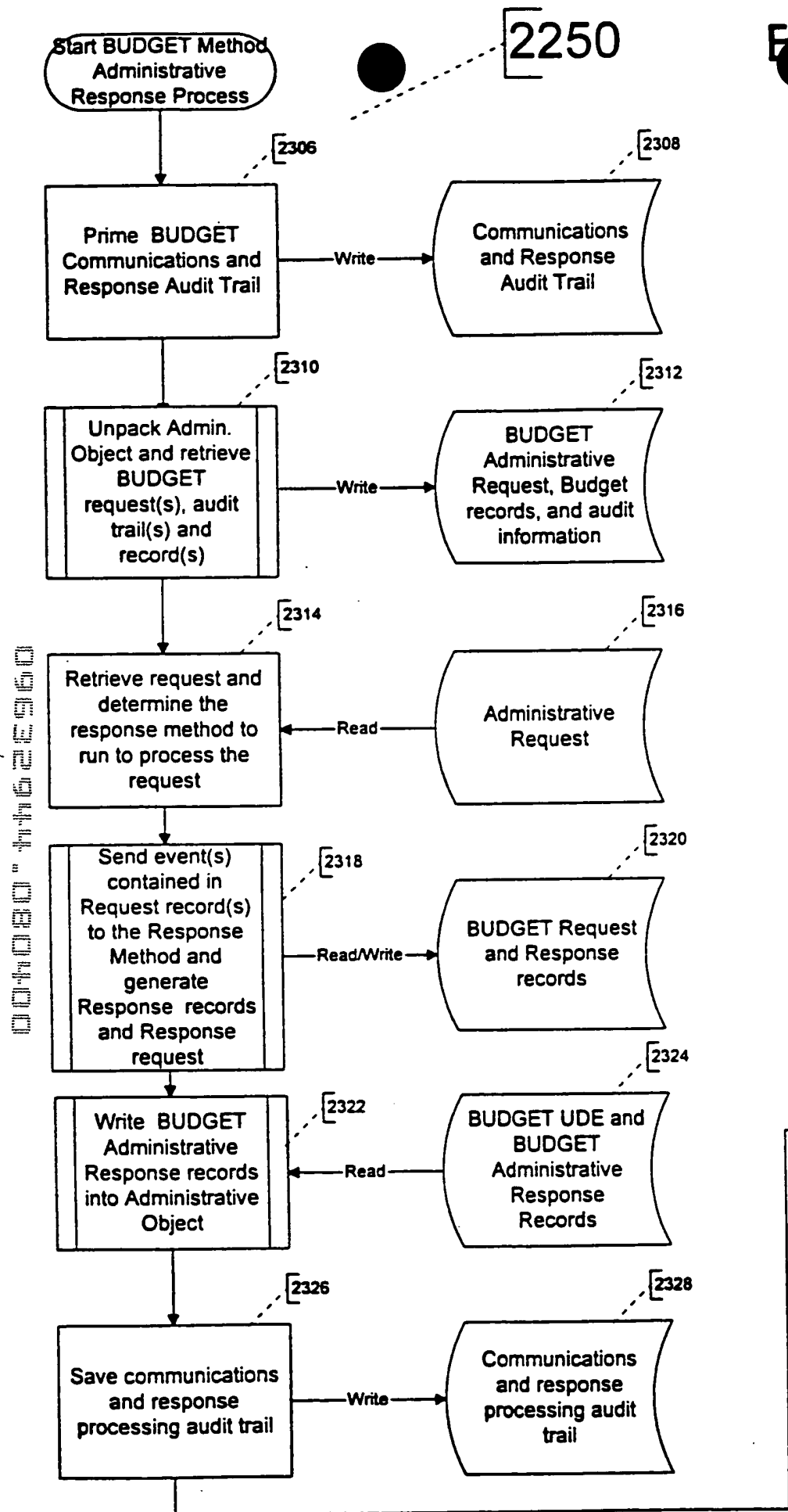


Figure 42c

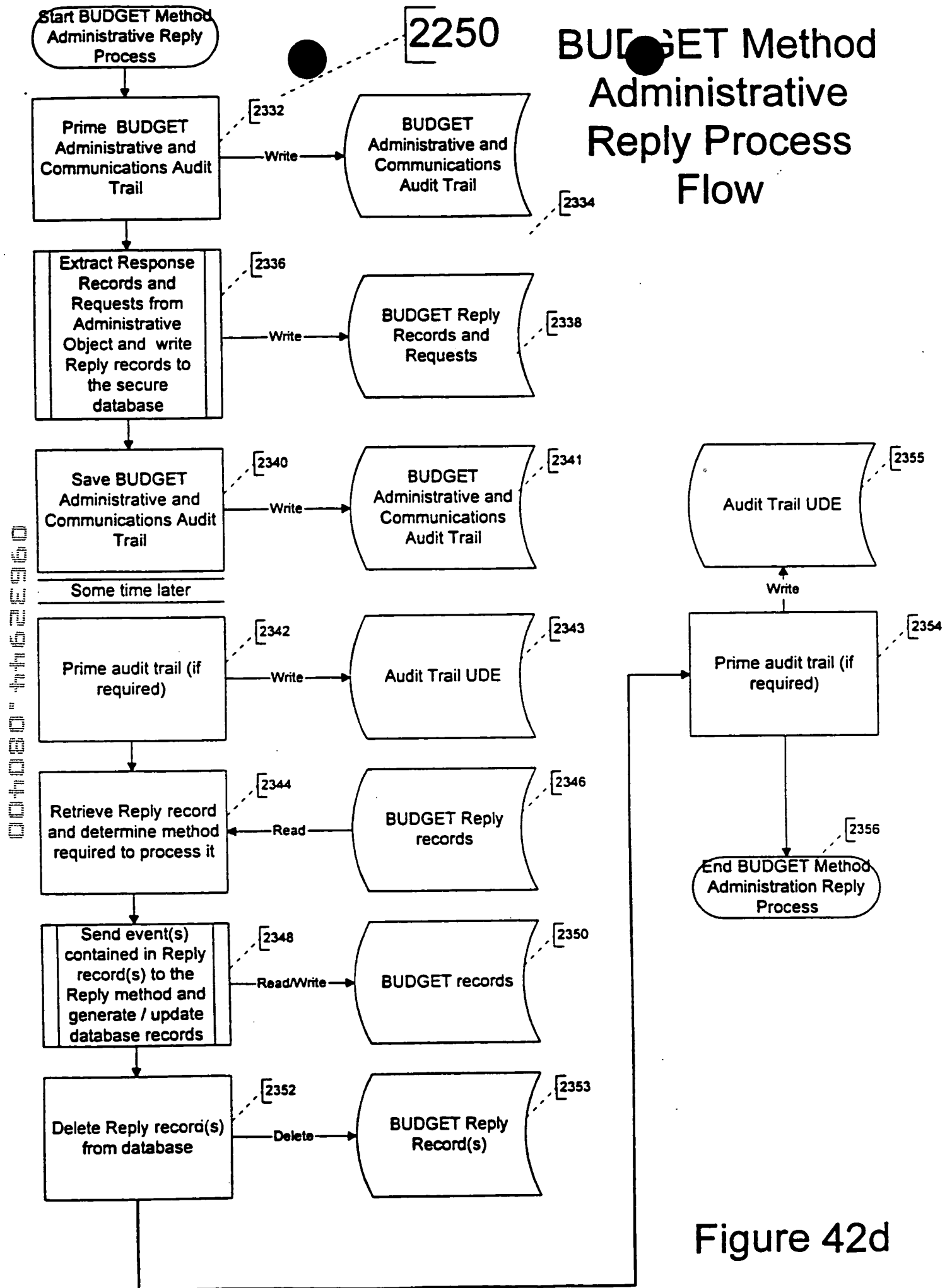


Figure 42d

2400

REGISTER Method Use Process Flow

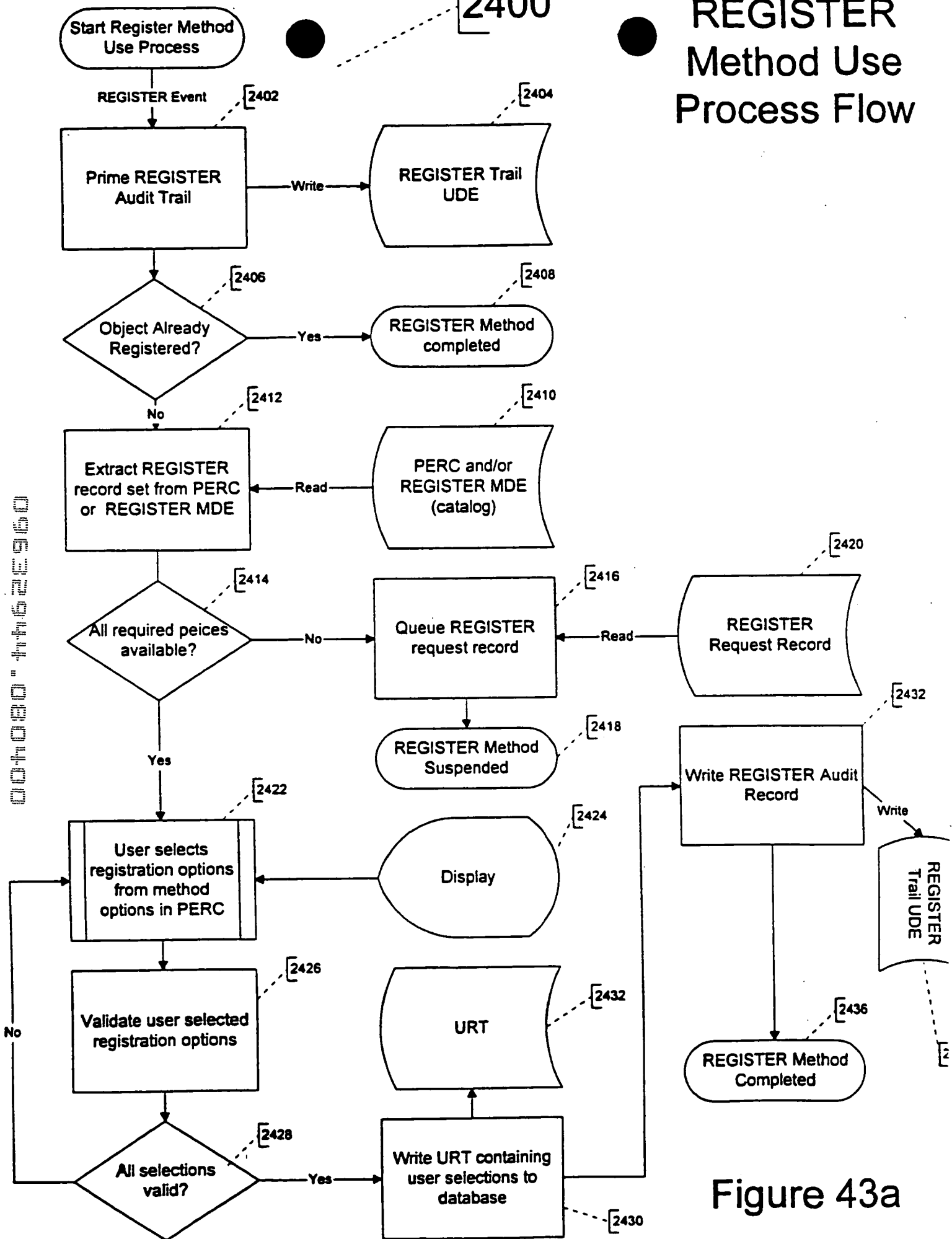


Figure 43a

REGISTER Method Administrative Request Process Flow

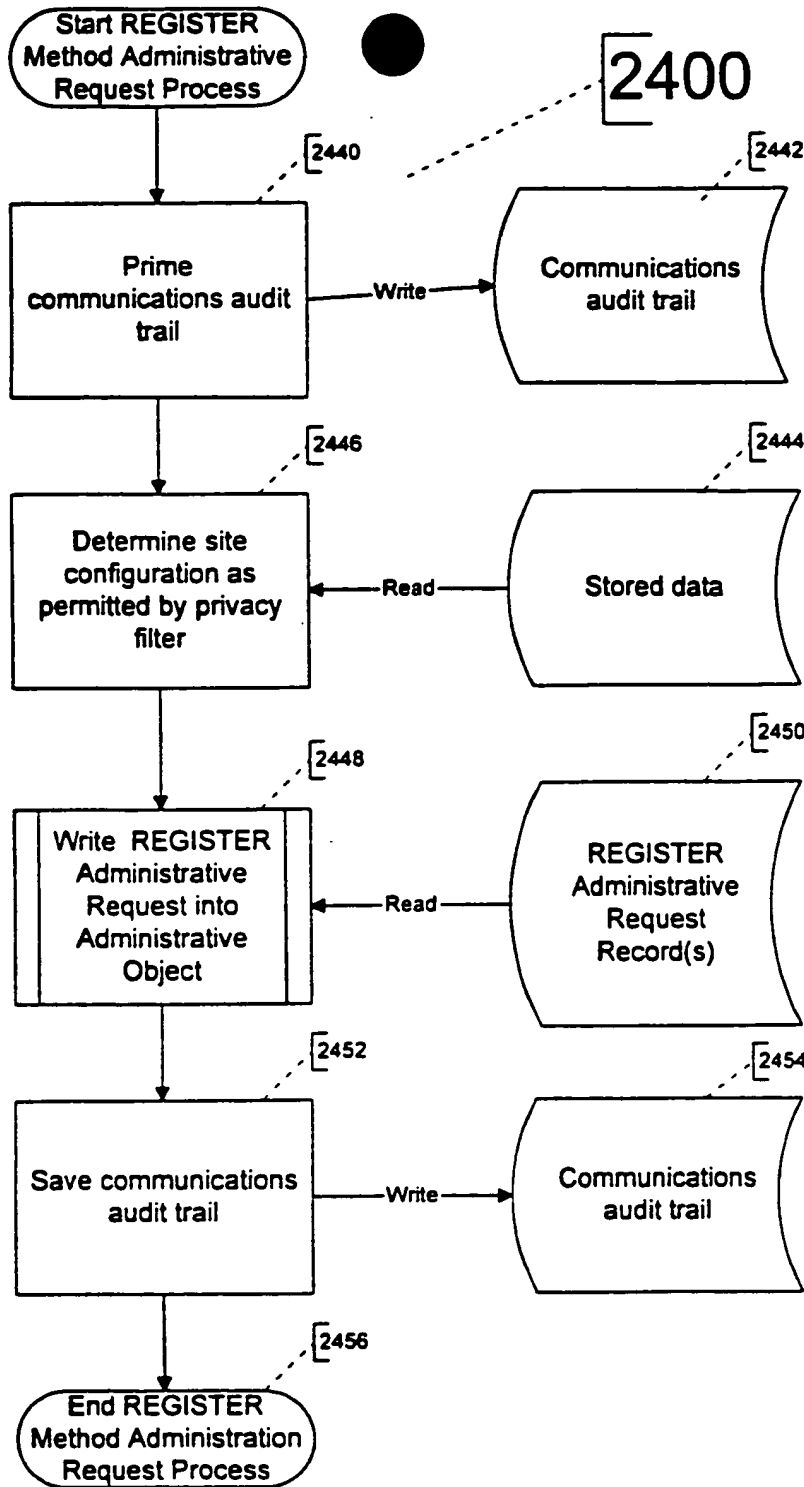


Figure 43b

REGISTER Method Administrative Response Process Flow

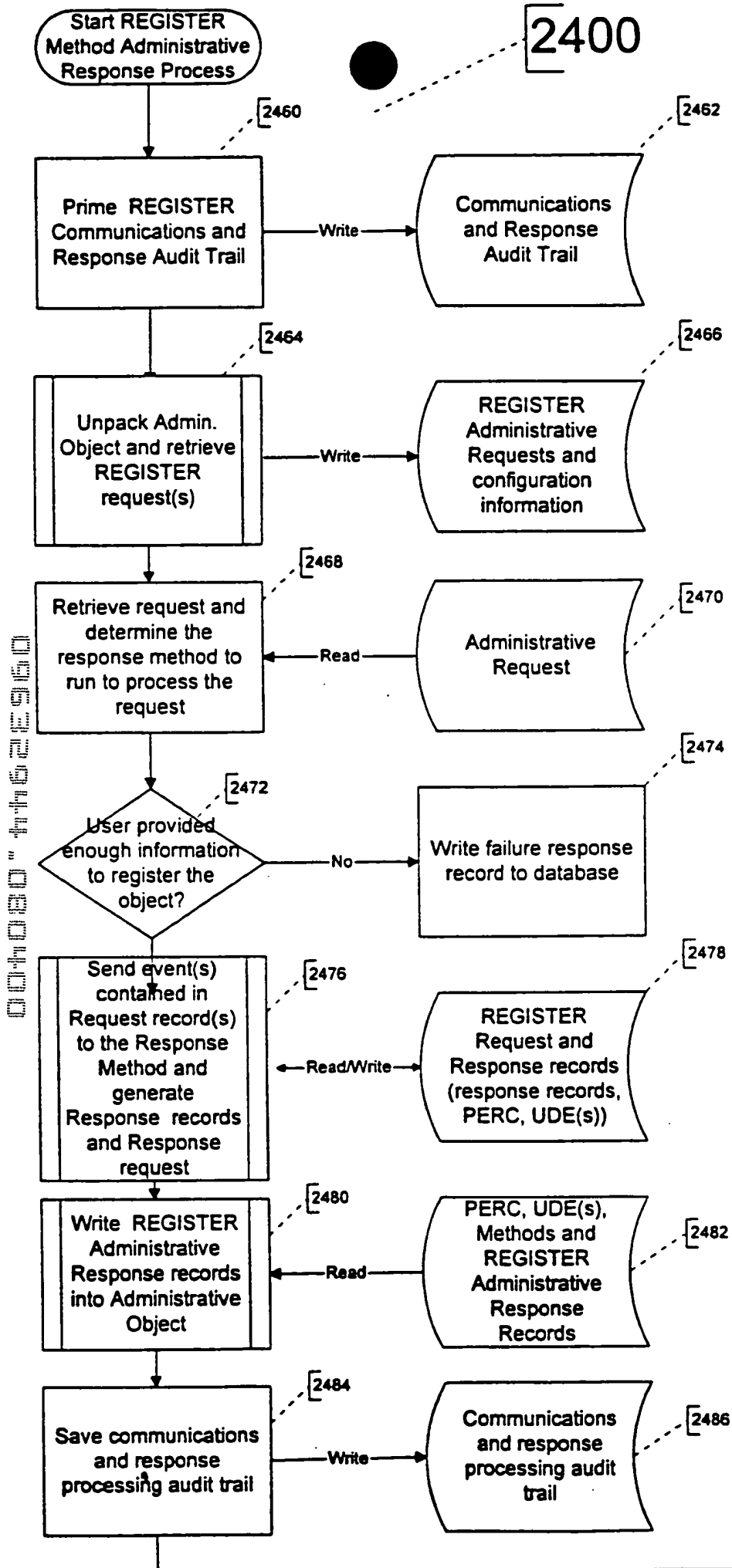


Figure 43c

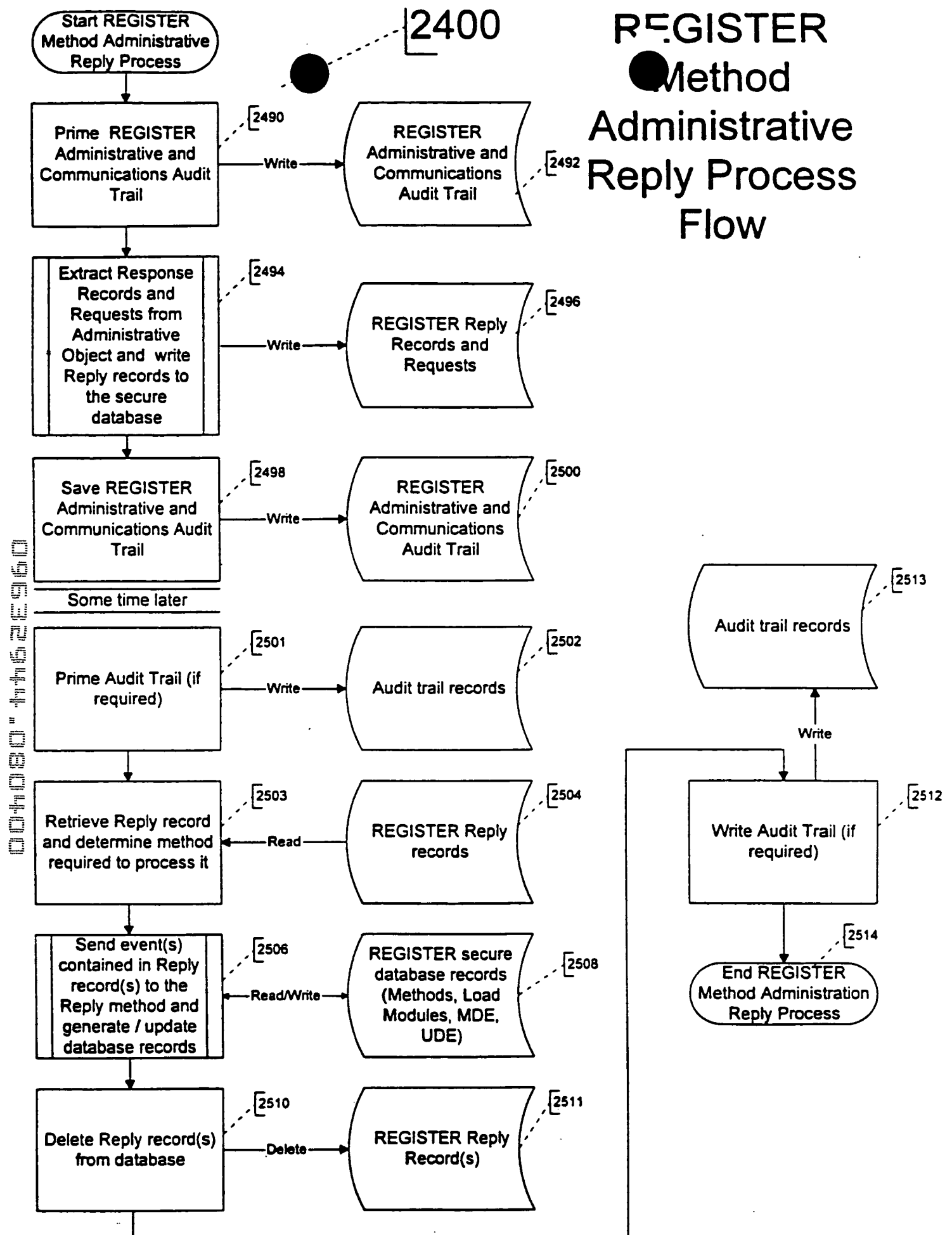


Figure 43d

AUDIT Method Administrative Response Process Flow

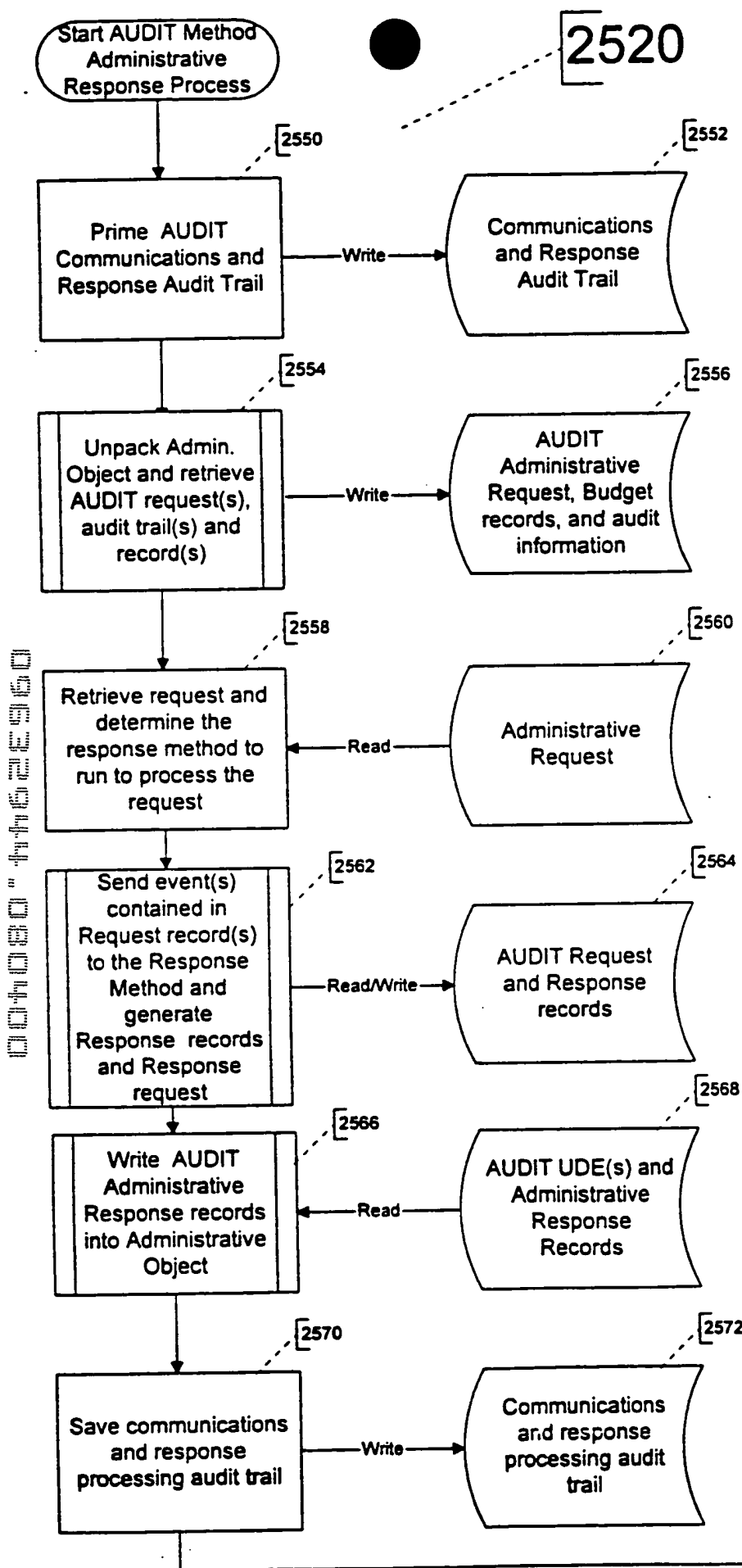


Figure 44b

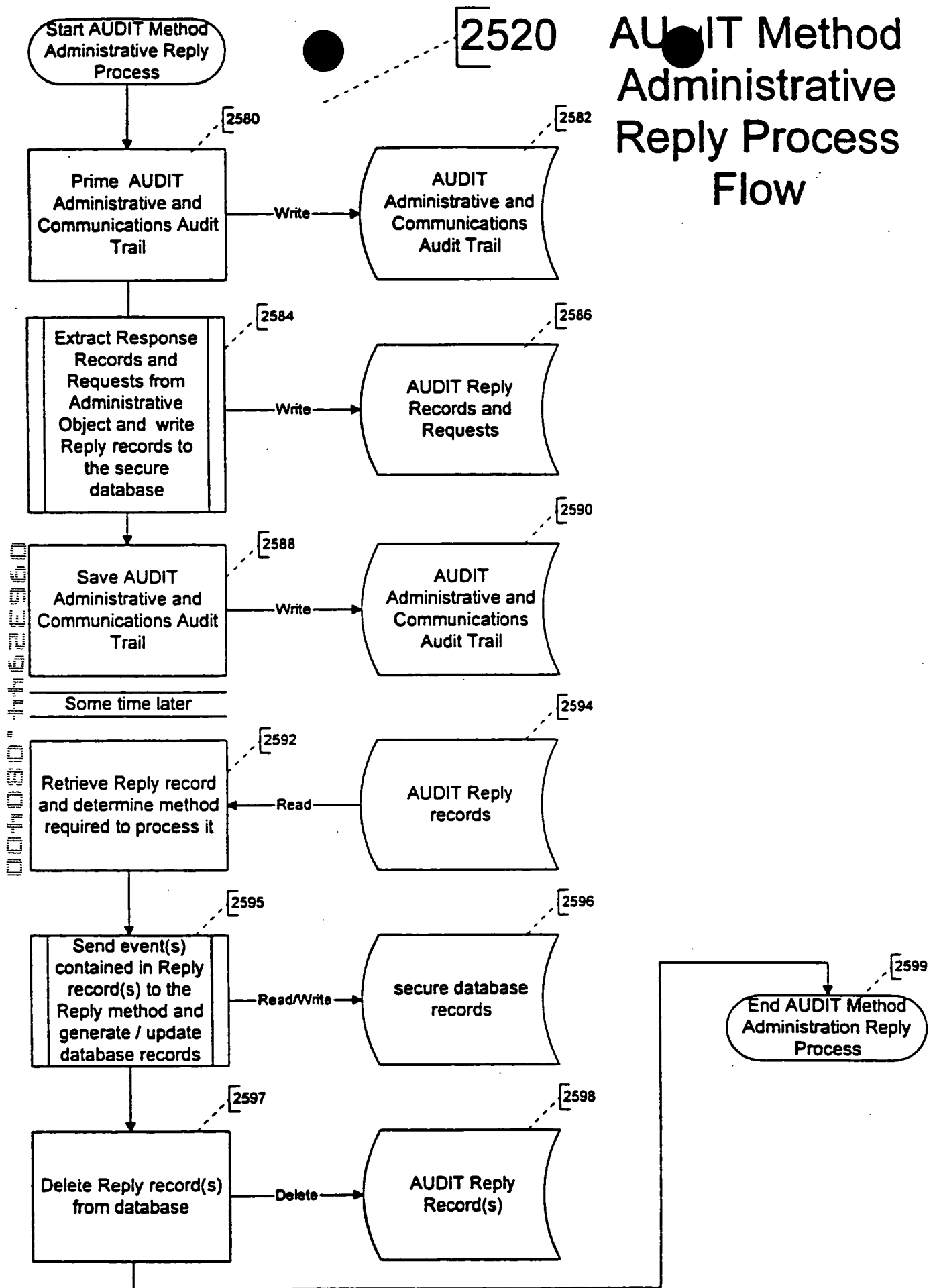


Figure 44c

FIG. 45

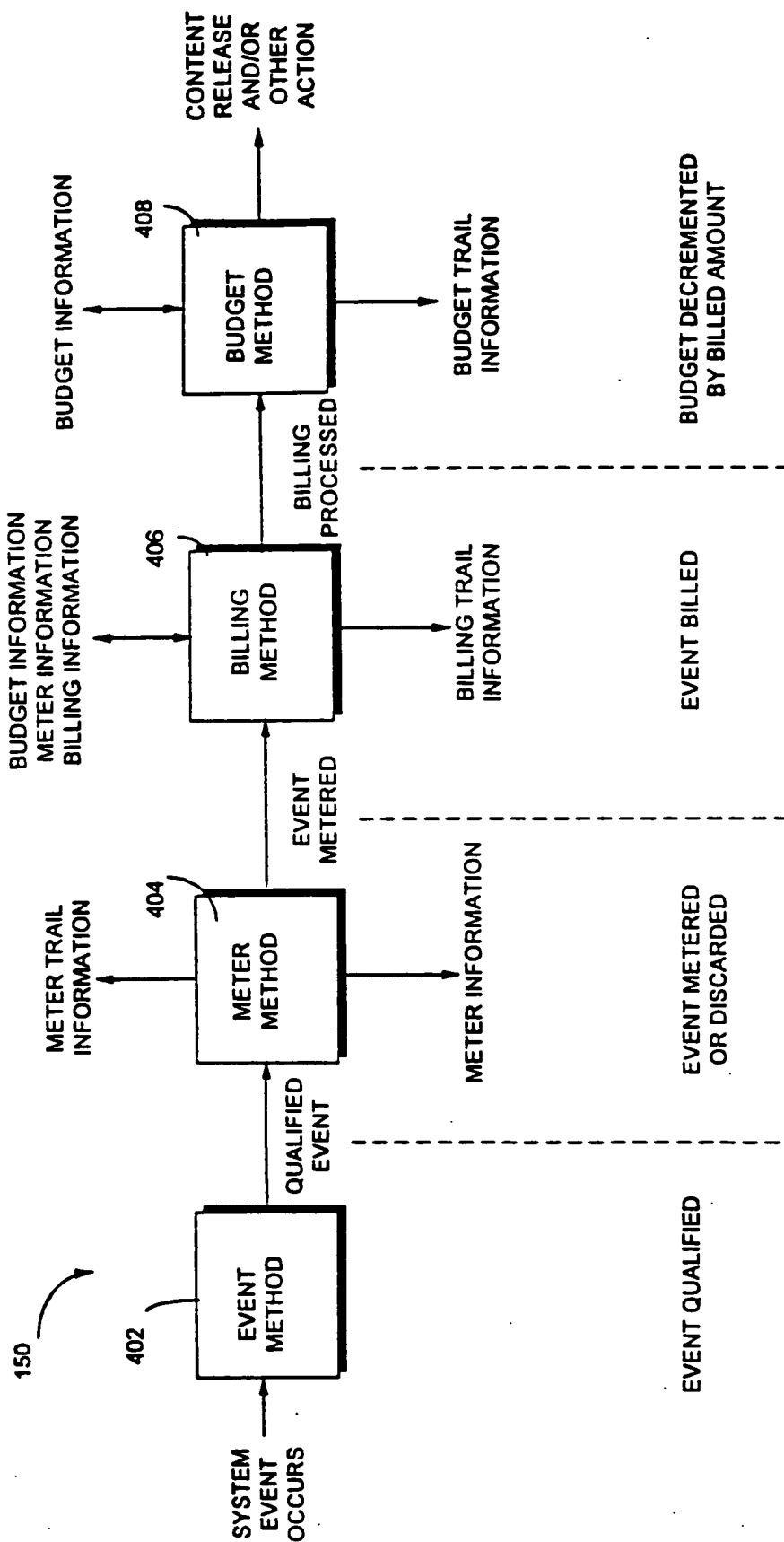
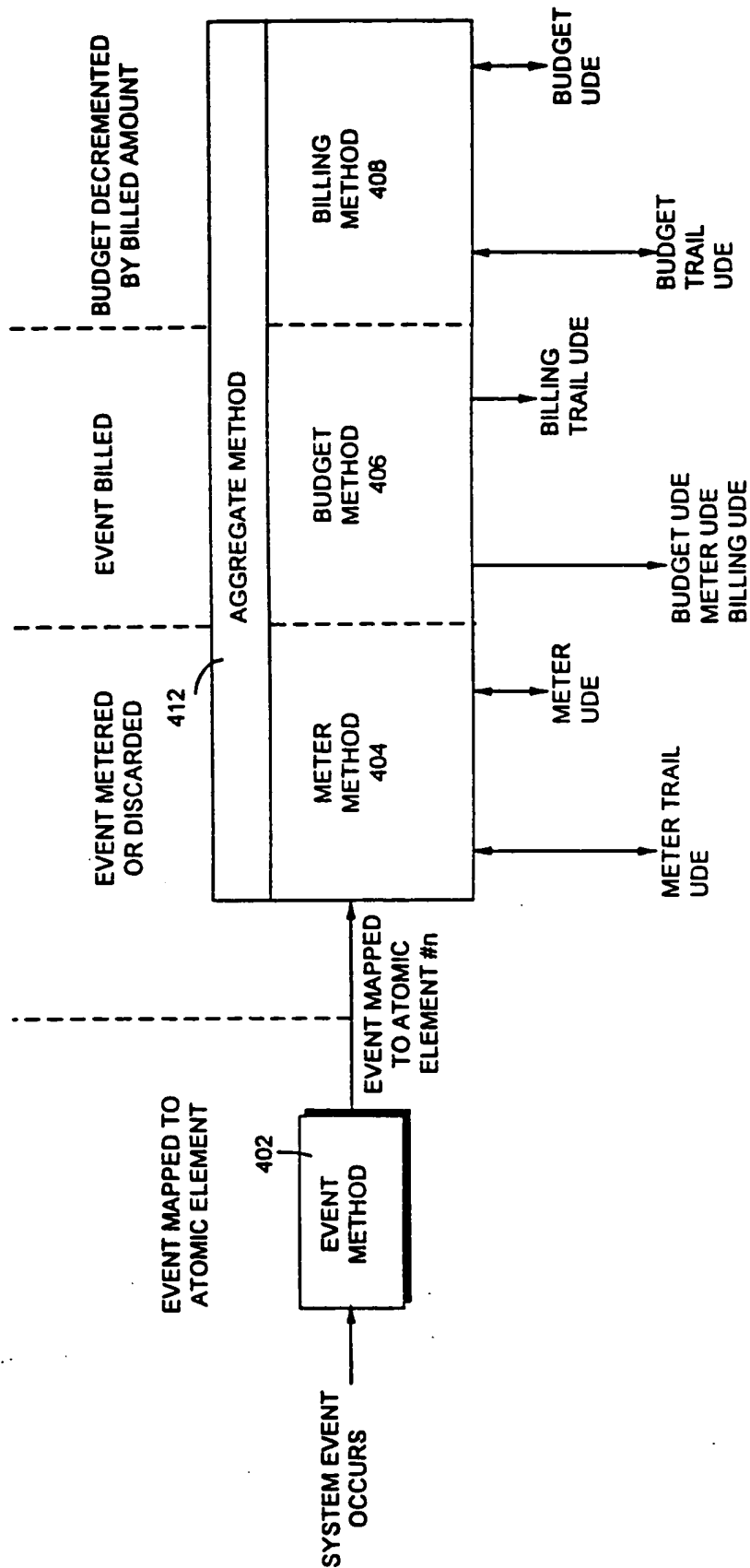




FIG. 47



1500



Figure 49

1500

Start of OPEN Method
Process

1502

OPEN Event

Determine identification
of object and user to be
opened.

1520

OPEN Event, Object ID, User ID

URT, PERC for
(object, user)

1524

Read

Is the Object
registered for this
user?

1522

No

Call the
REGISTER
Method for the
Object. Restart the
OPEN Method
once the
registration is
complete.

1526

Yes

Is the object
already open for
this user?

1528

No

OPEN Method
Elements (Method
core, LM, UDE,
MDE)

1632

Read

Create channel and
bind OPEN control
elements to it

1530

OPEN Event, Object ID, User ID, Channel ID

Audit UDE

1534

Write

Prime Audit (if
required)

1533

Yes

Start Secure Database
Transaction

1536

CONTROL Method

A

Figure 49a

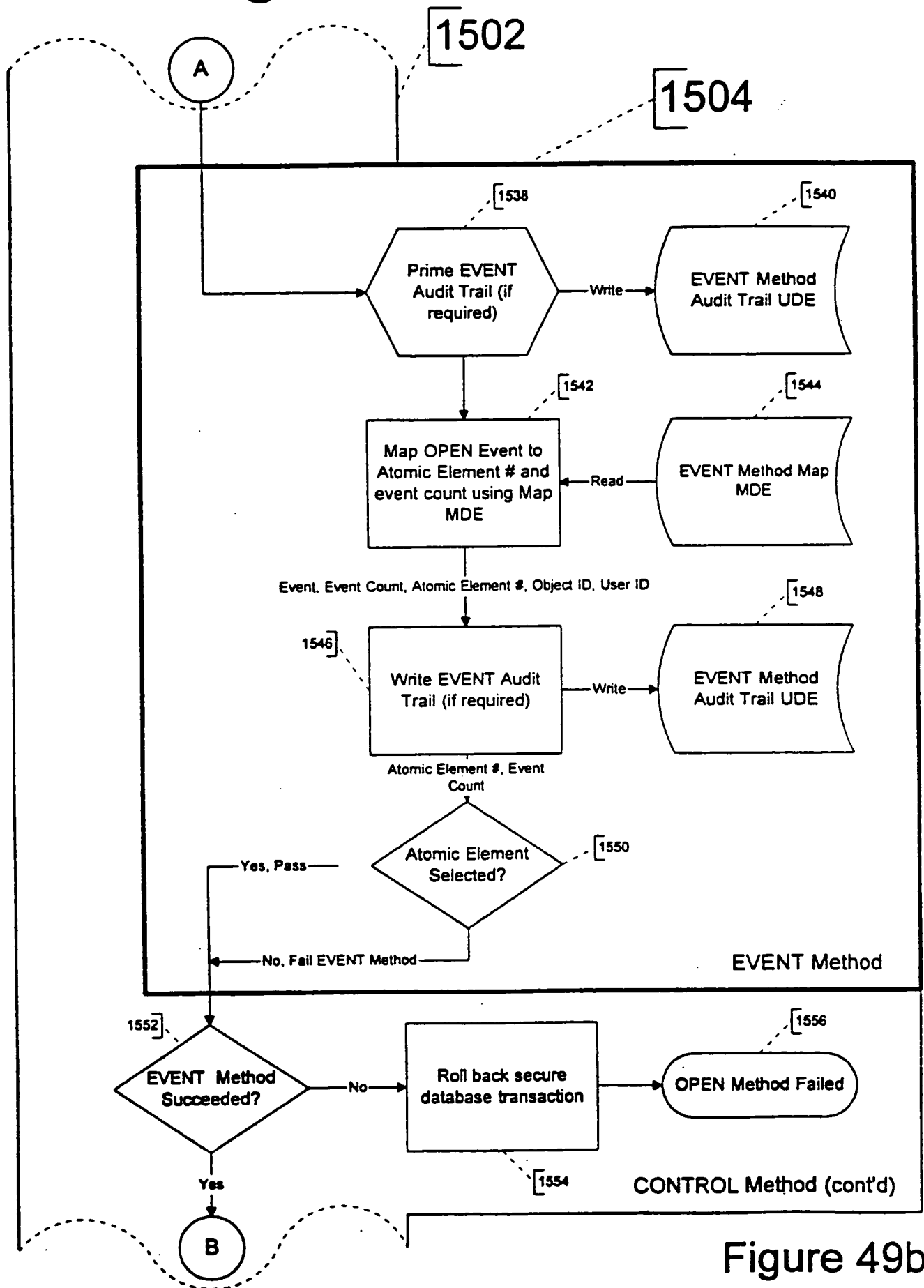


Figure 49b

004080" 41622960

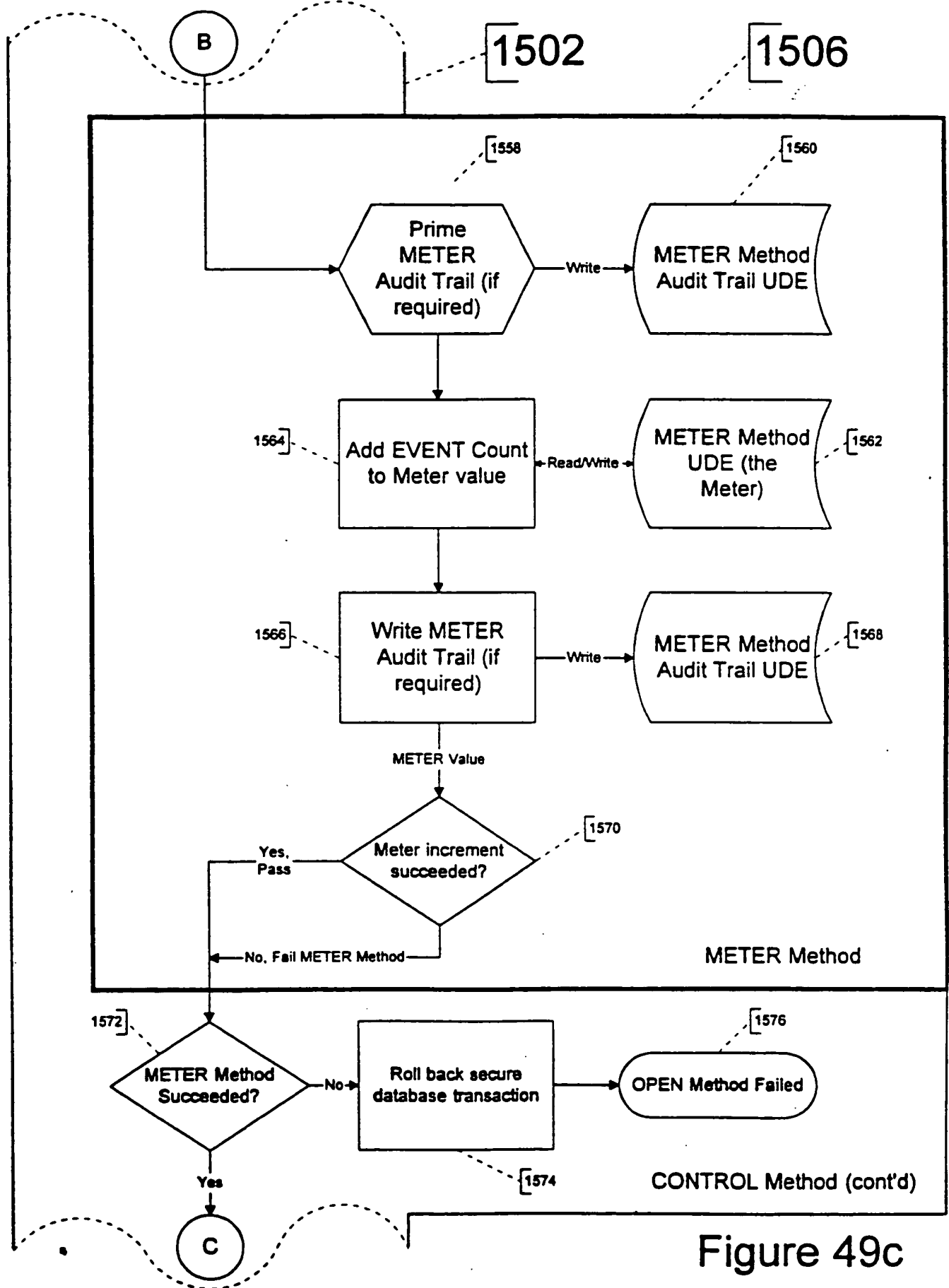


Figure 49c

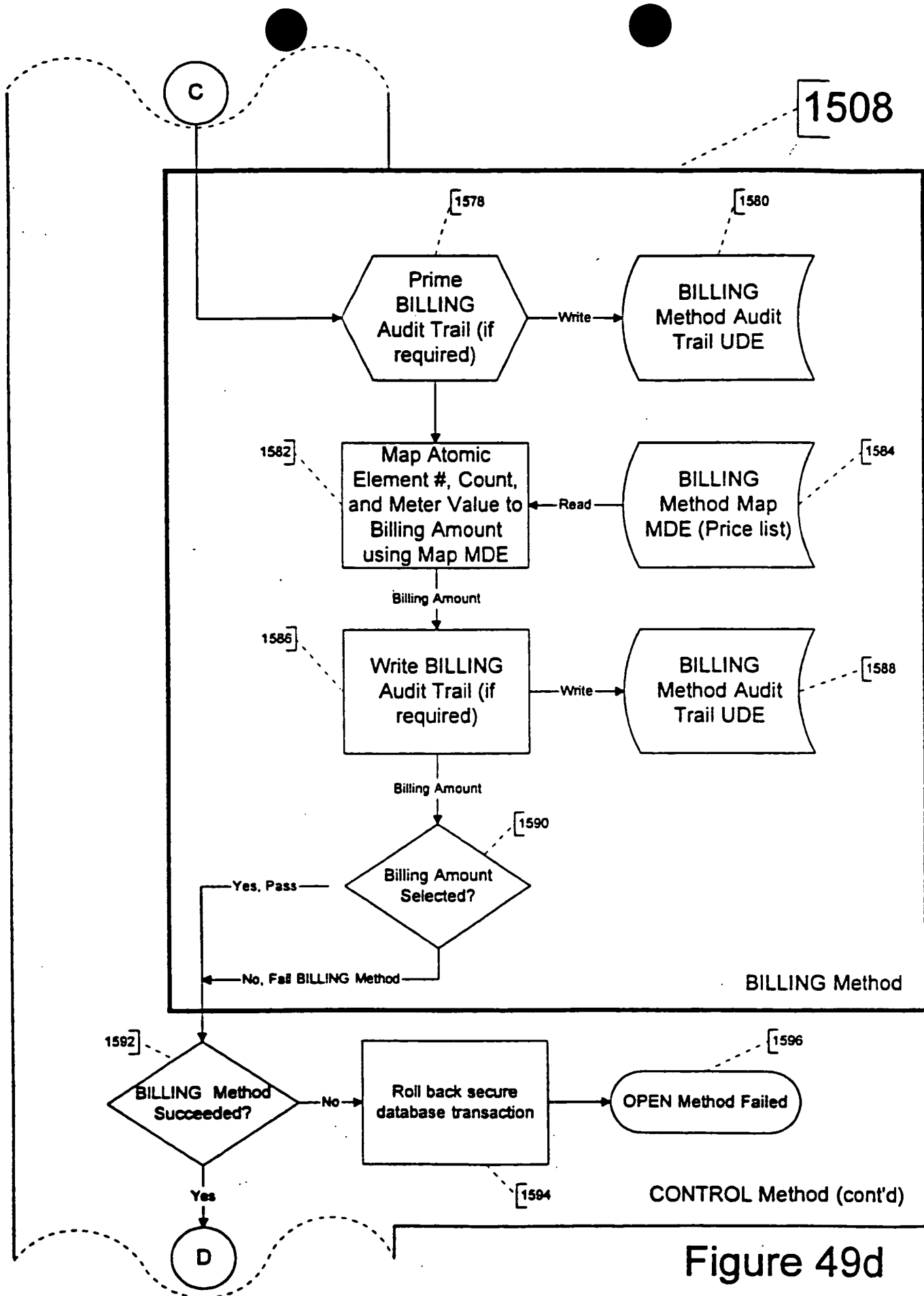
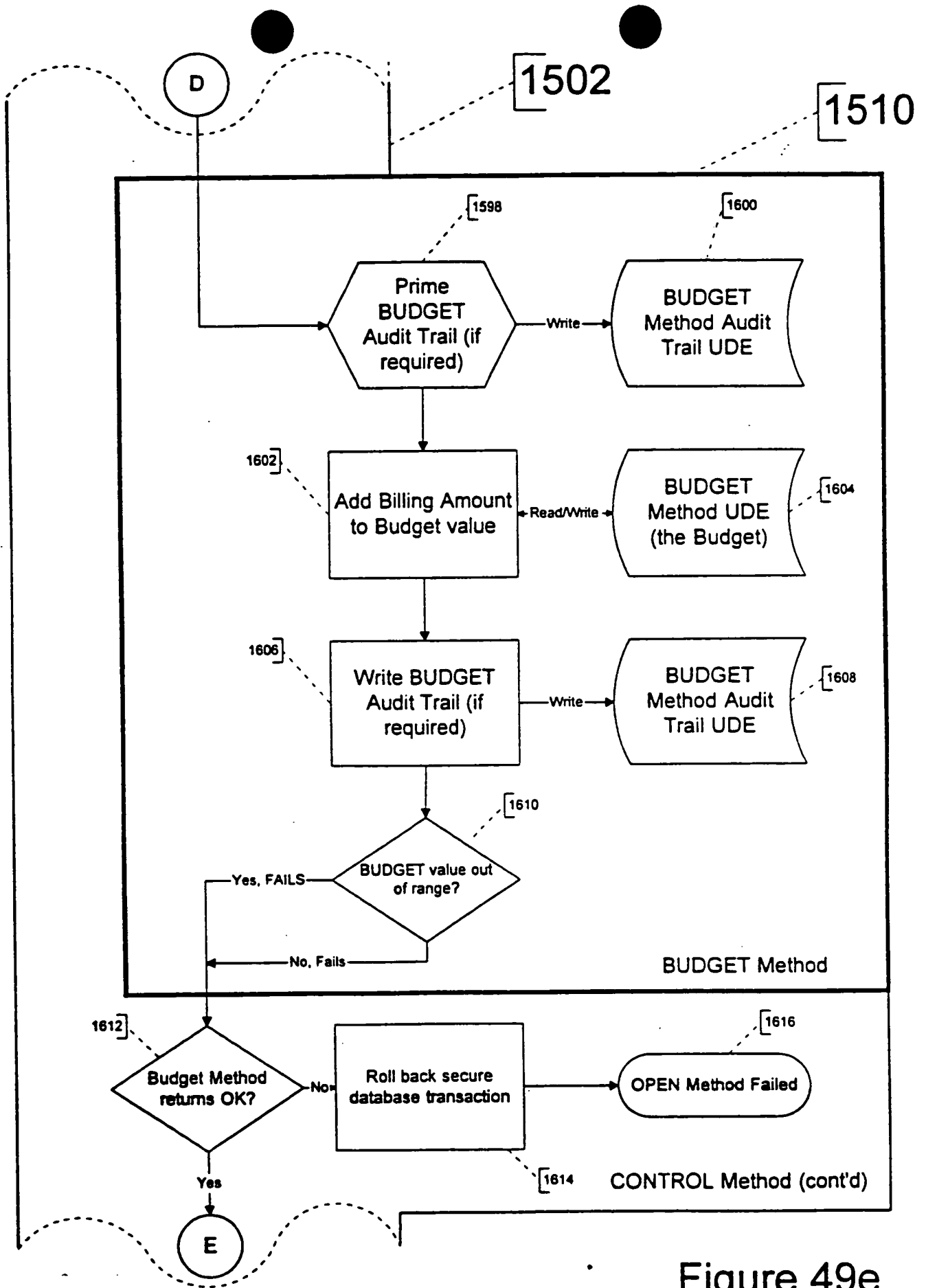
[illegible]

Figure 49d

004030" 4462E960



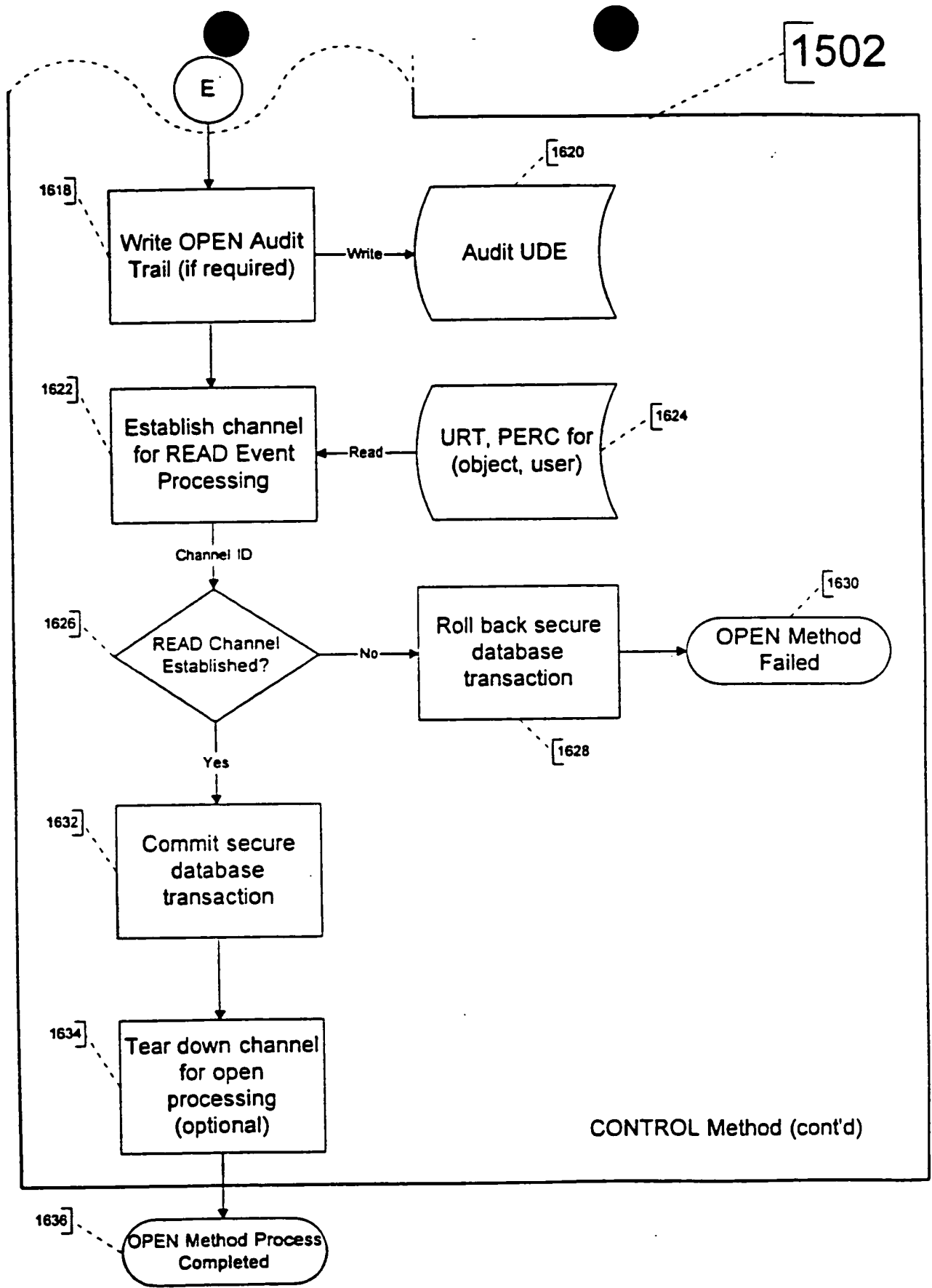


Figure 49f

1650

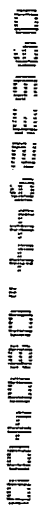


Figure 50

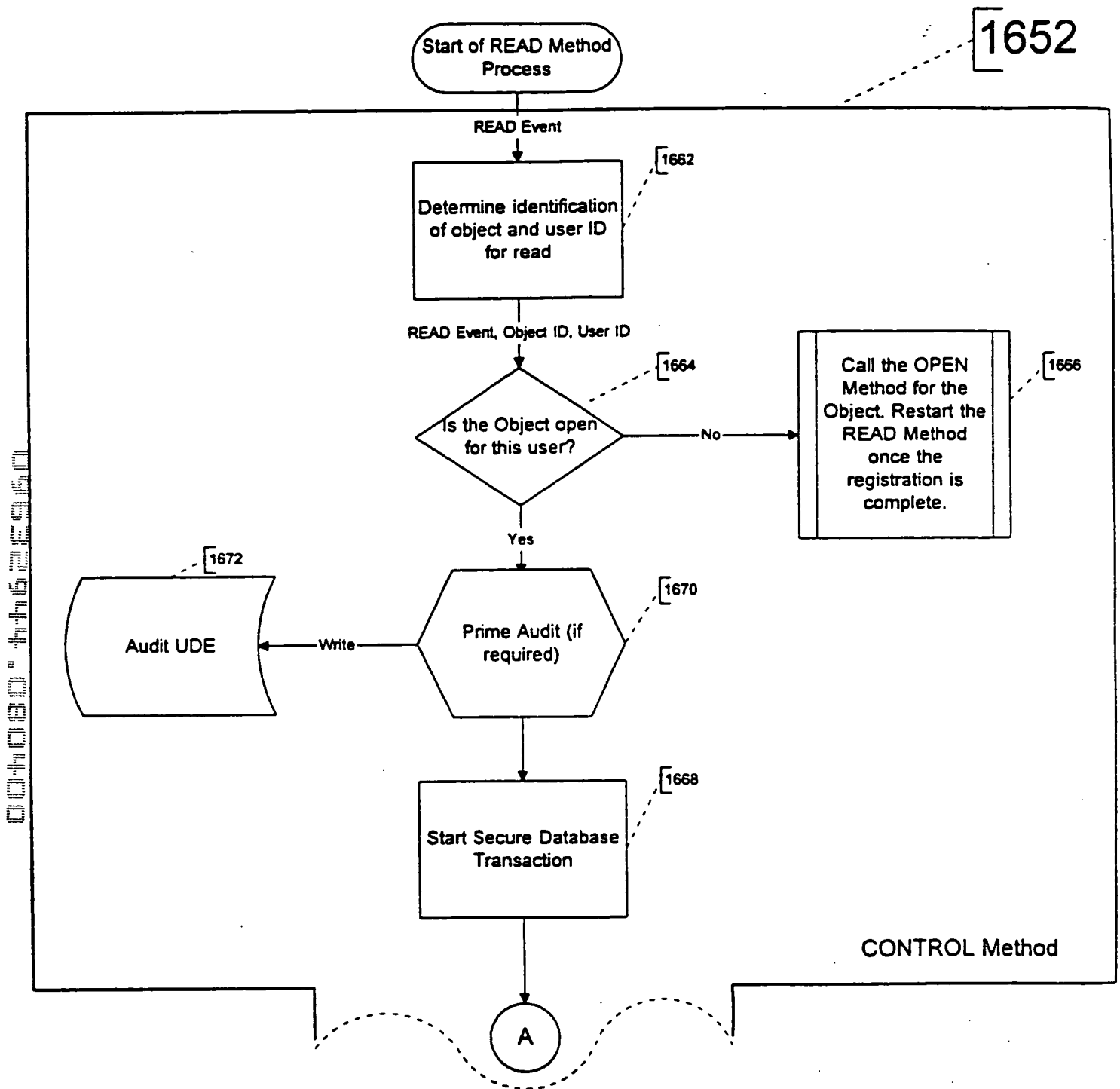


Figure 50a

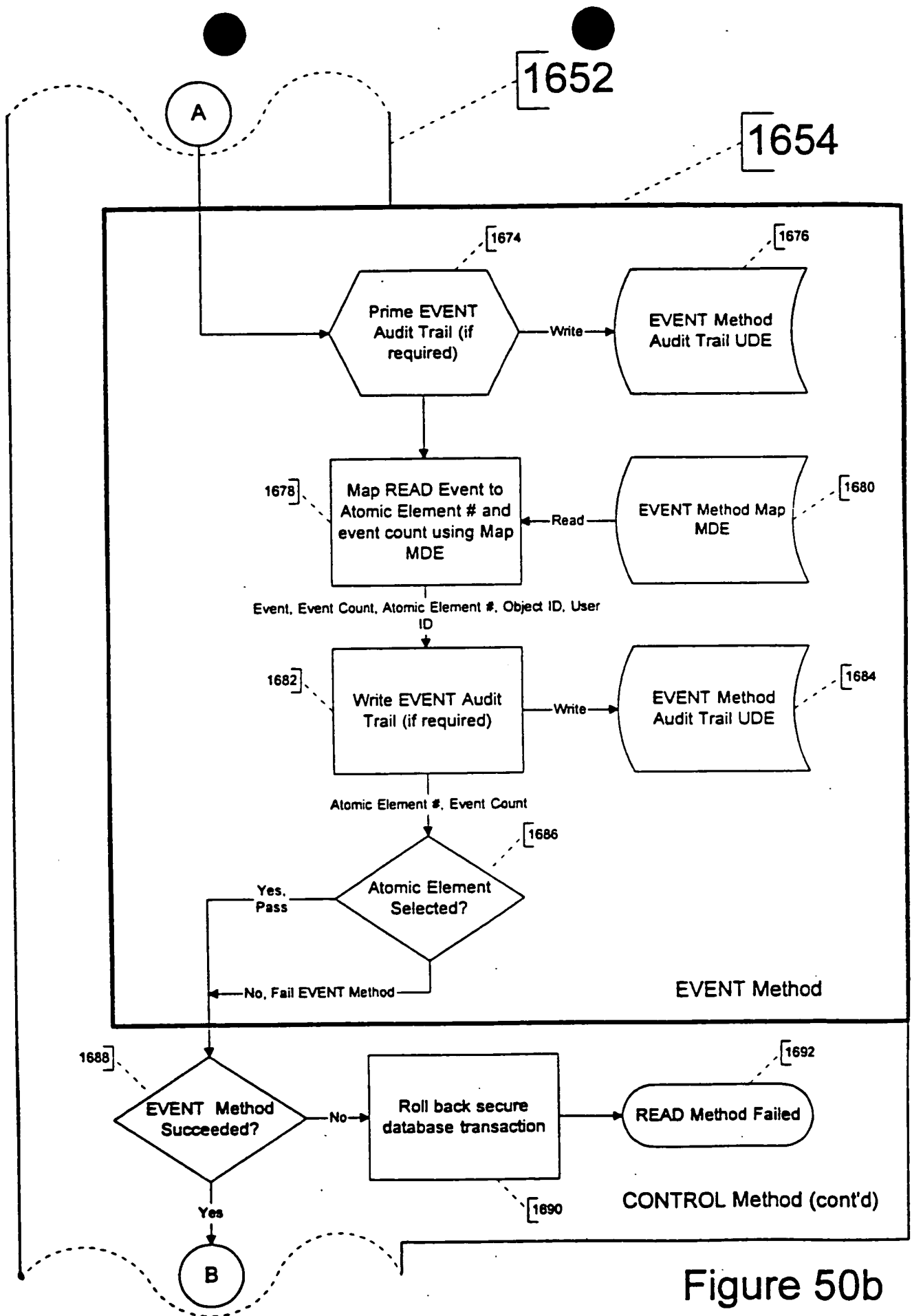


Figure 50b

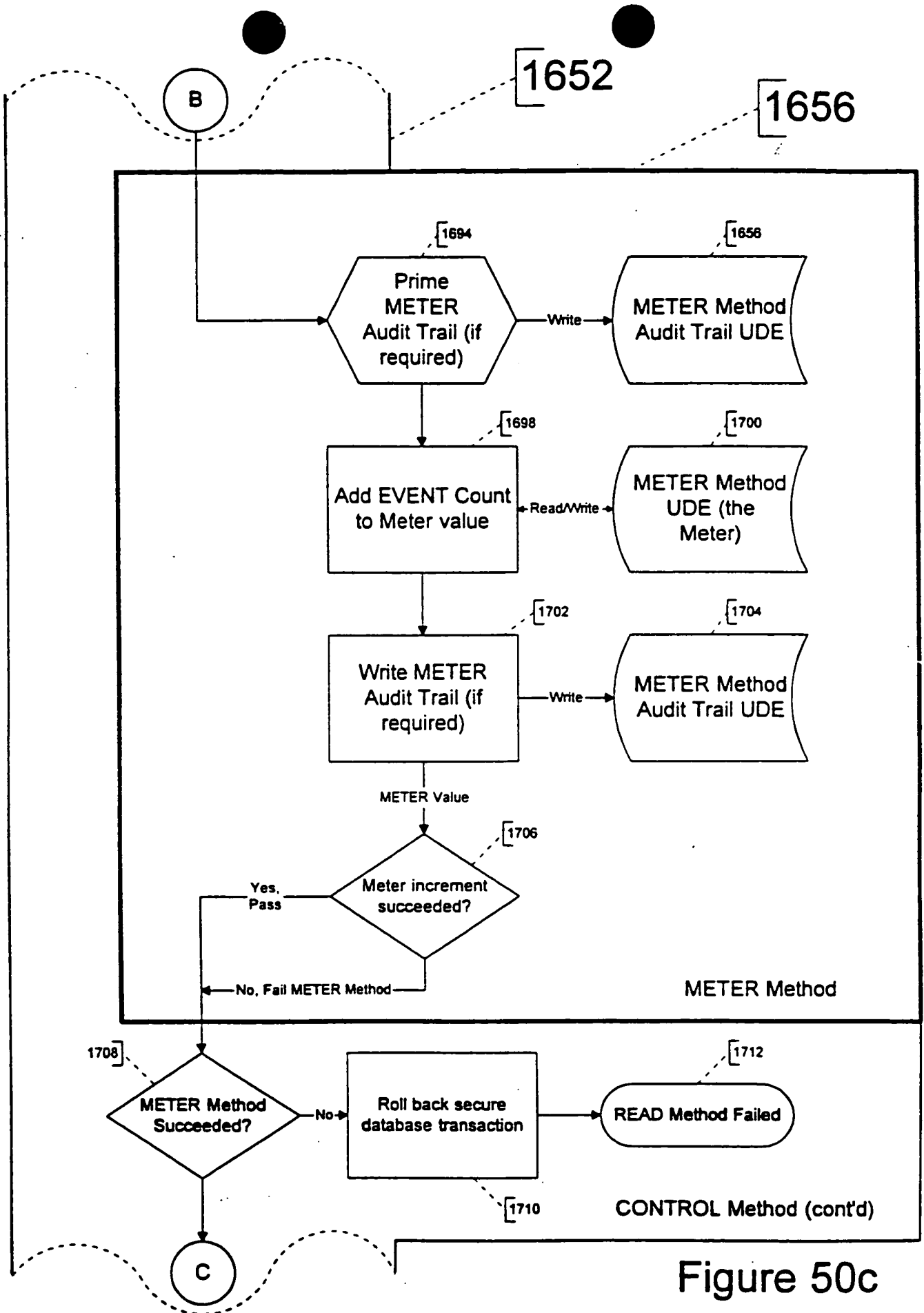


Figure 50c

0967-88

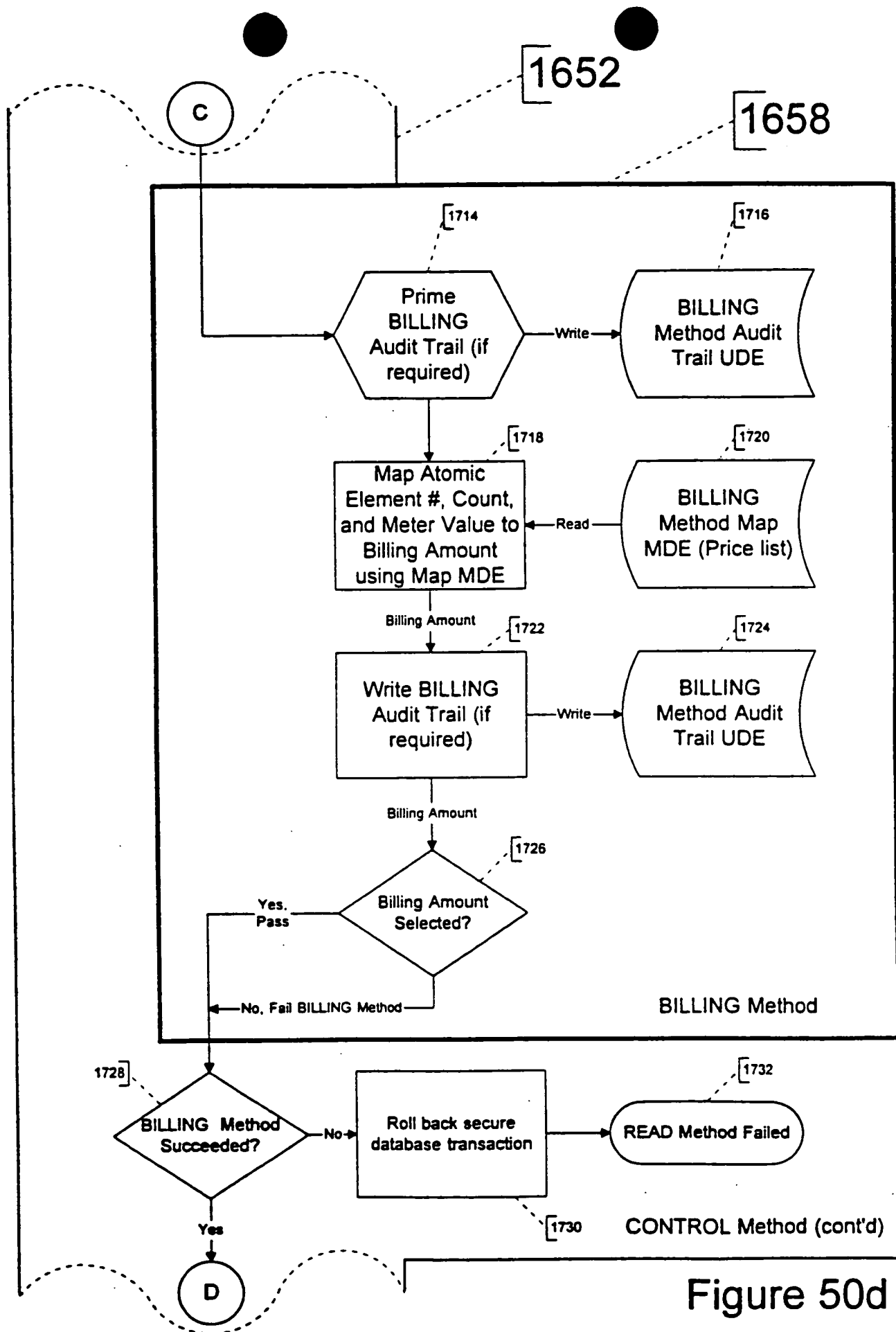


Figure 50d

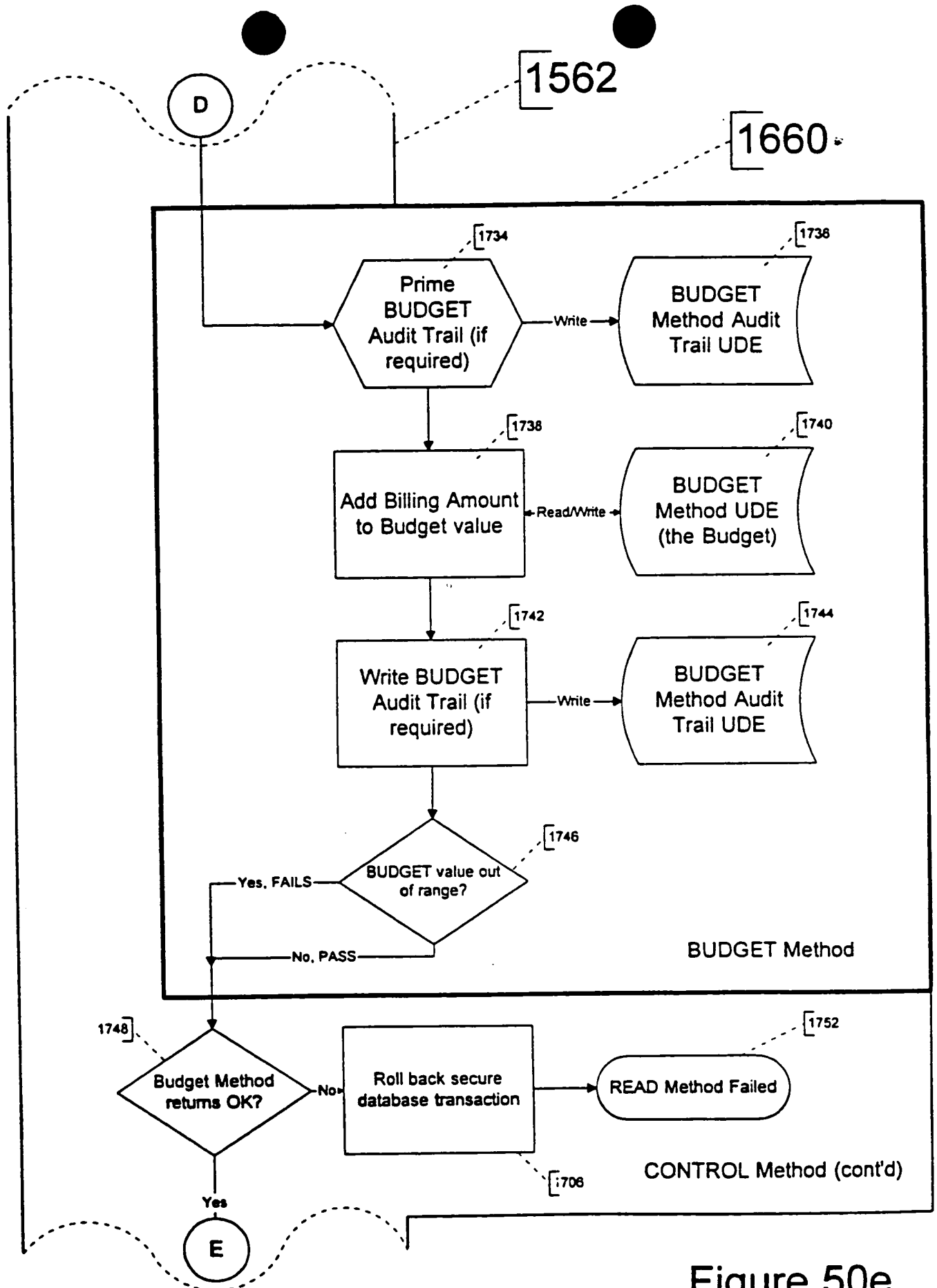
[illegible]

Figure 50e

WRITE Method Use Process Flow

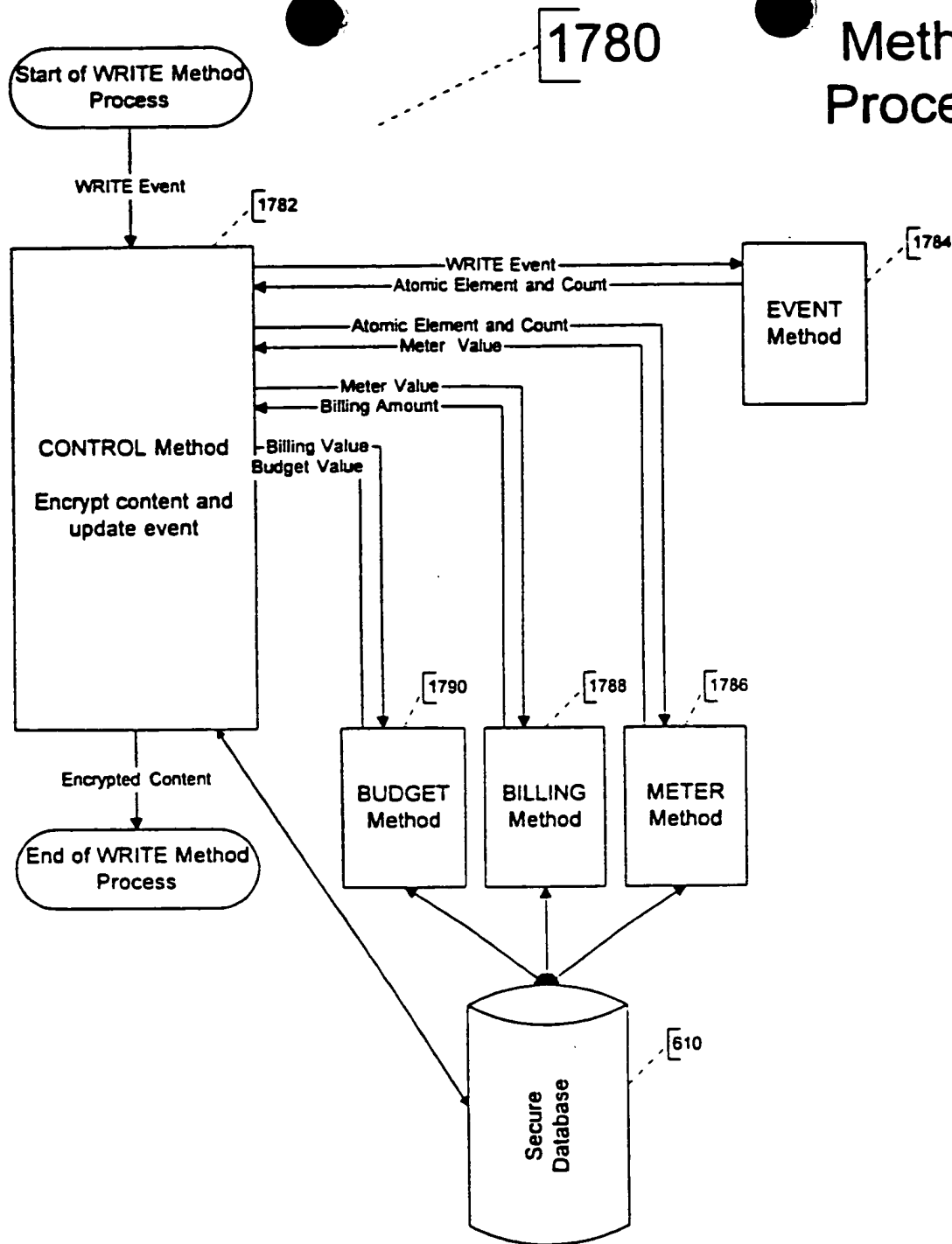


Figure 51

Start of WRITE Method
Process

WRITE Event

Determine identification
of object and user ID
for read

WRITE Event, Object ID, User ID

Is the Object open
for this user?

Call the OPEN
Method for the
Object. Restart the
WRITE Method
once the
registration is
complete.

Yes

Audit UDE

Write

Prime Audit (if
required)

Start Secure Database
Transaction

A

Figure 51a

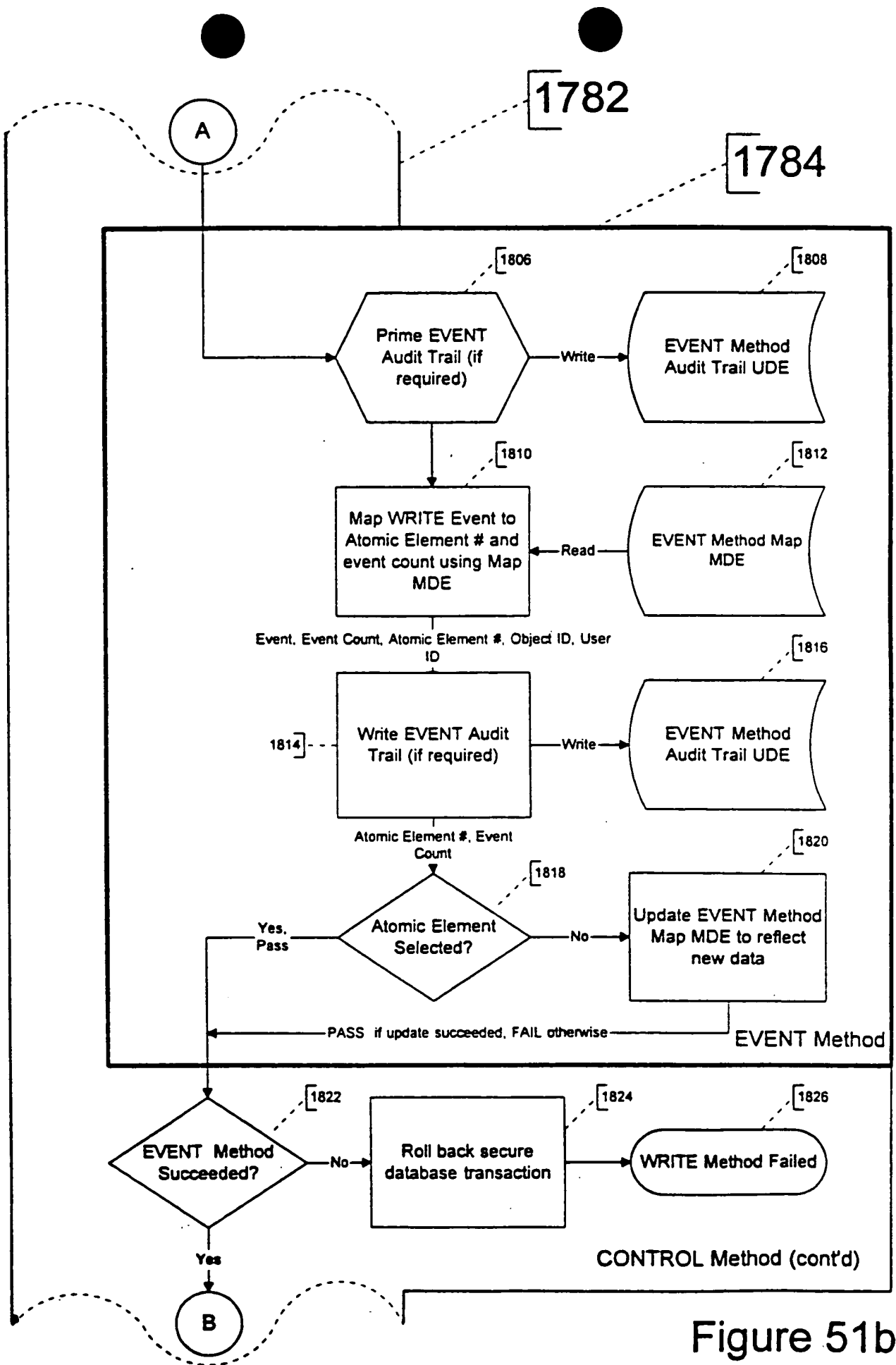


Figure 51b

004000" 17162E9160

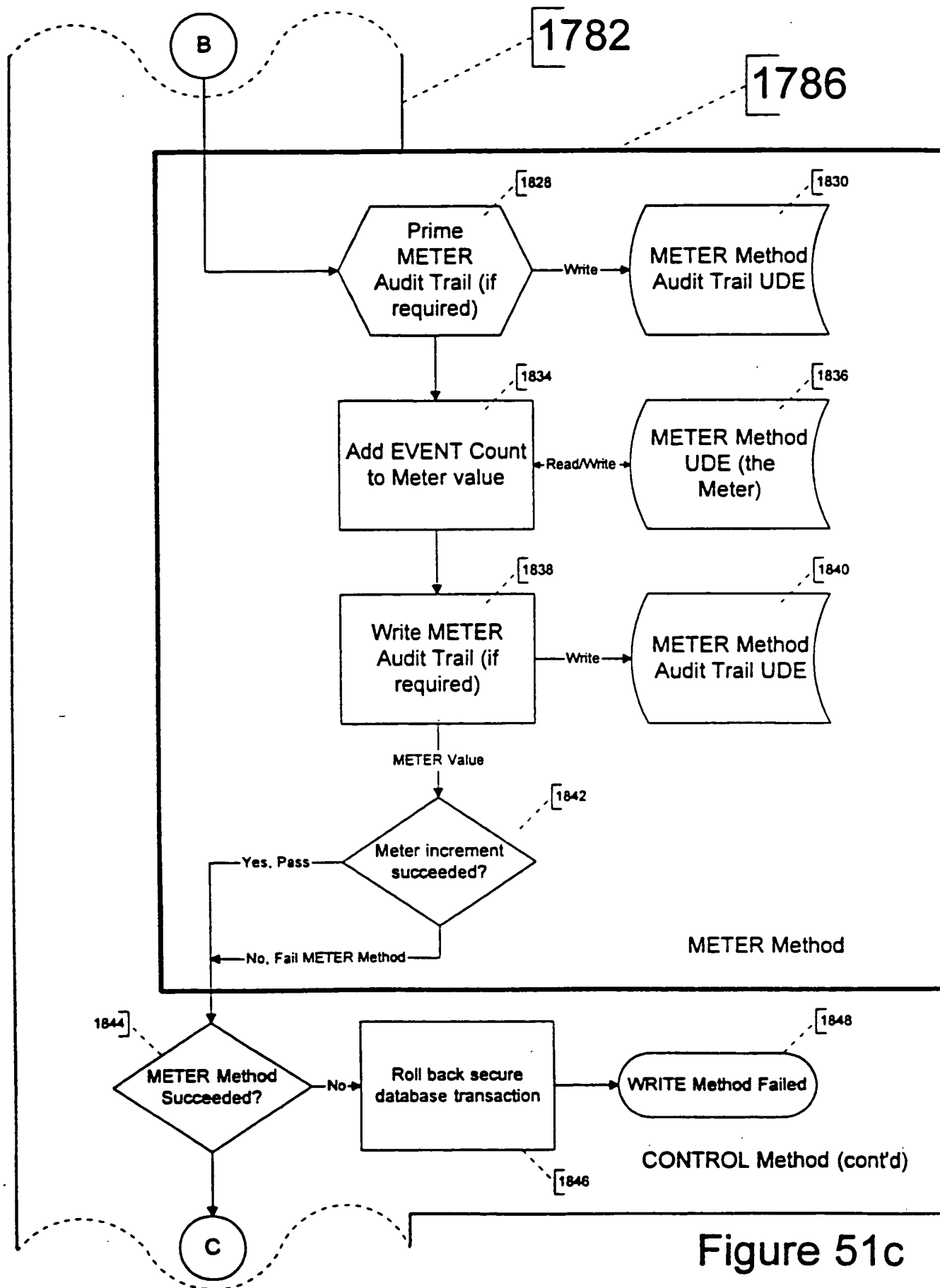


Figure 51c

09624150

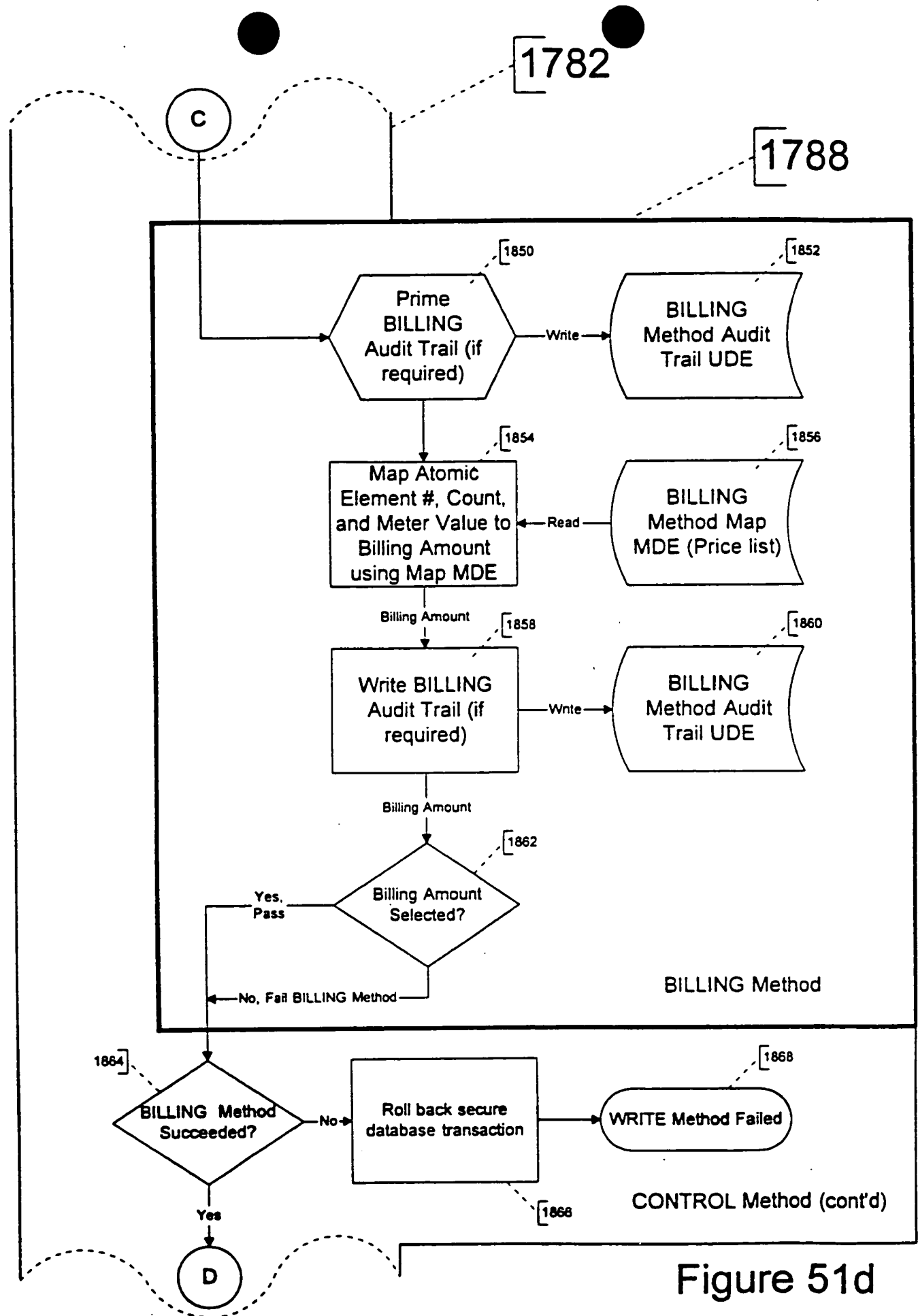


Figure 51d

096344-0300

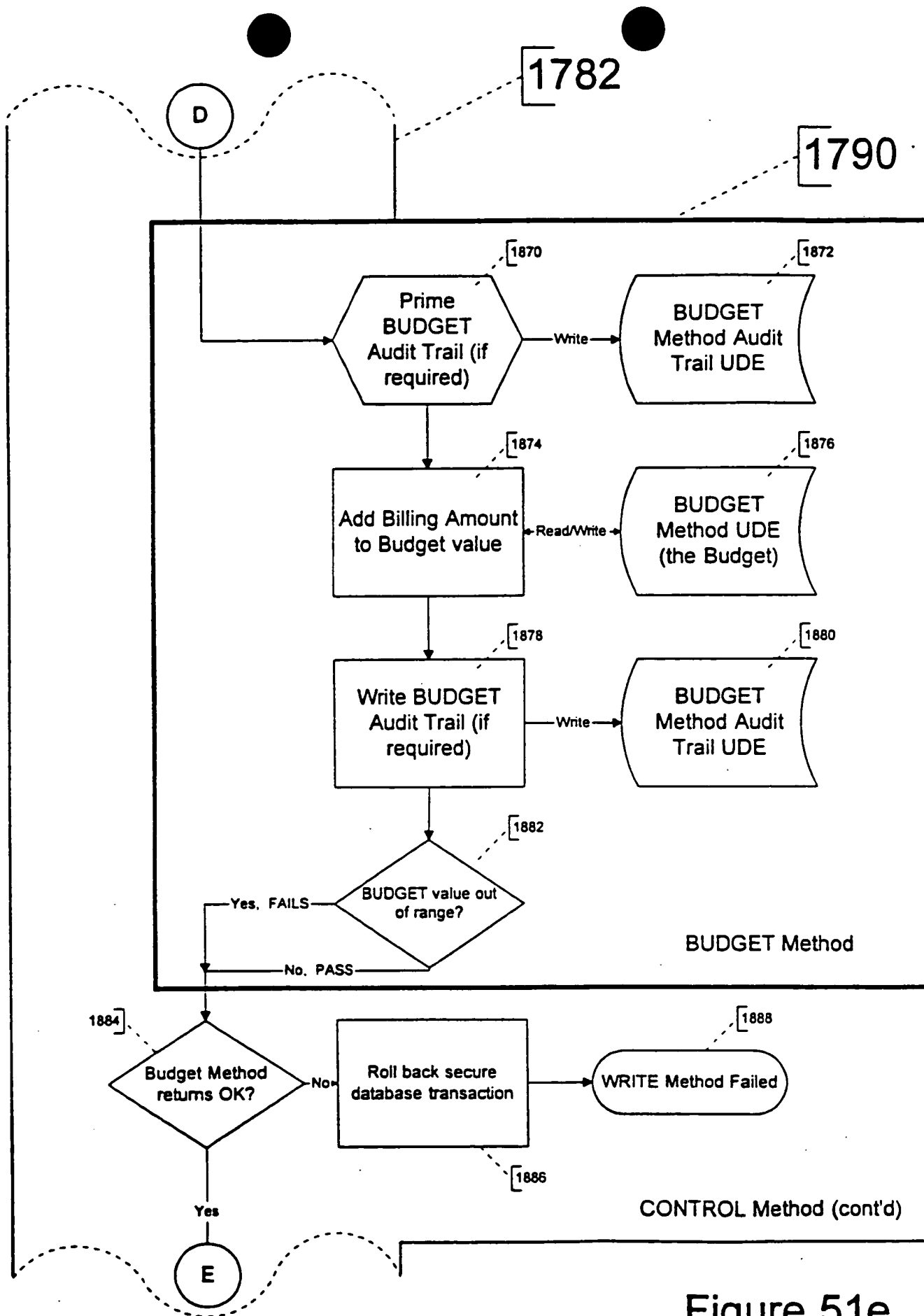


Figure 51e

004030" 44152E960

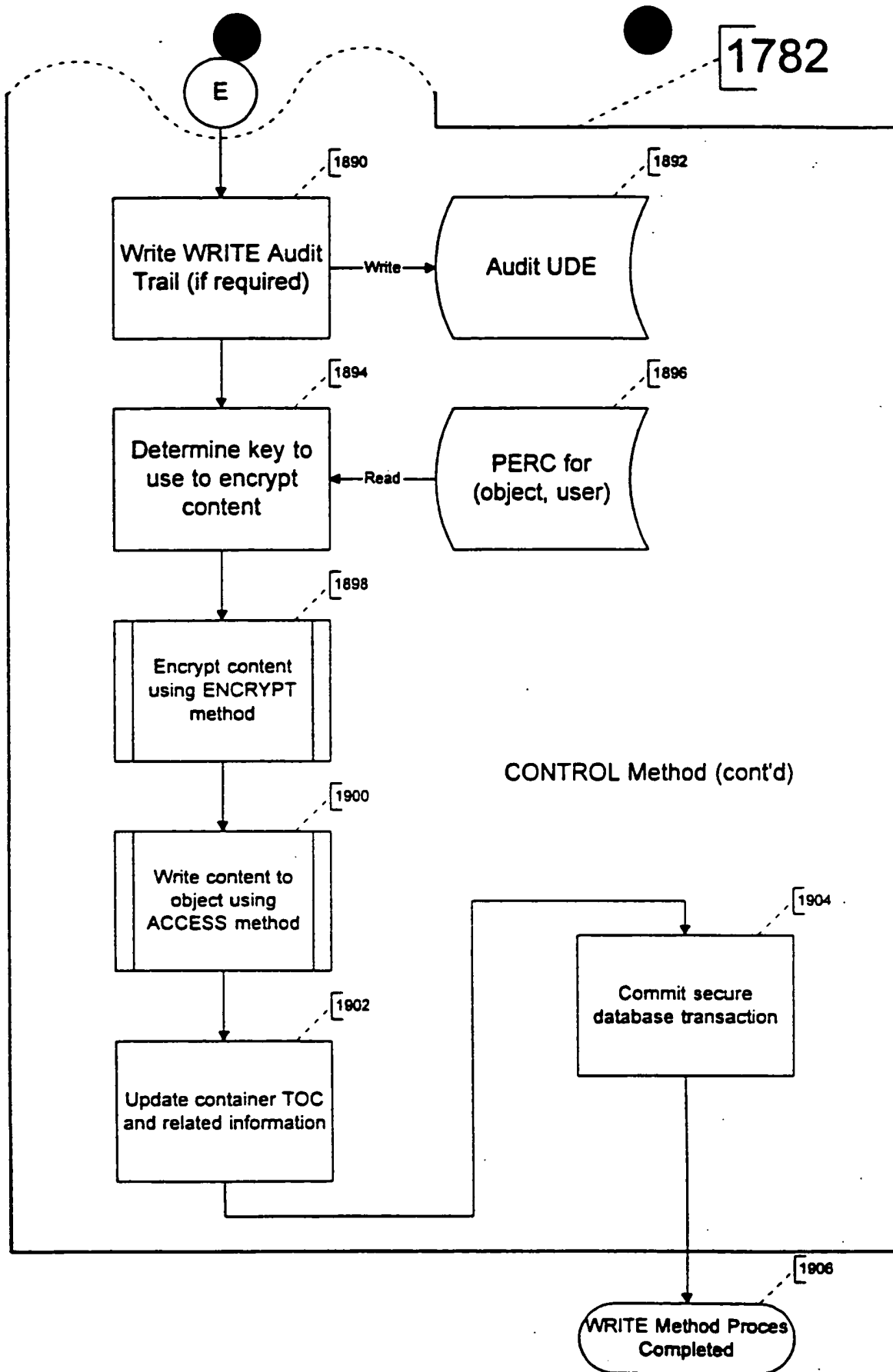
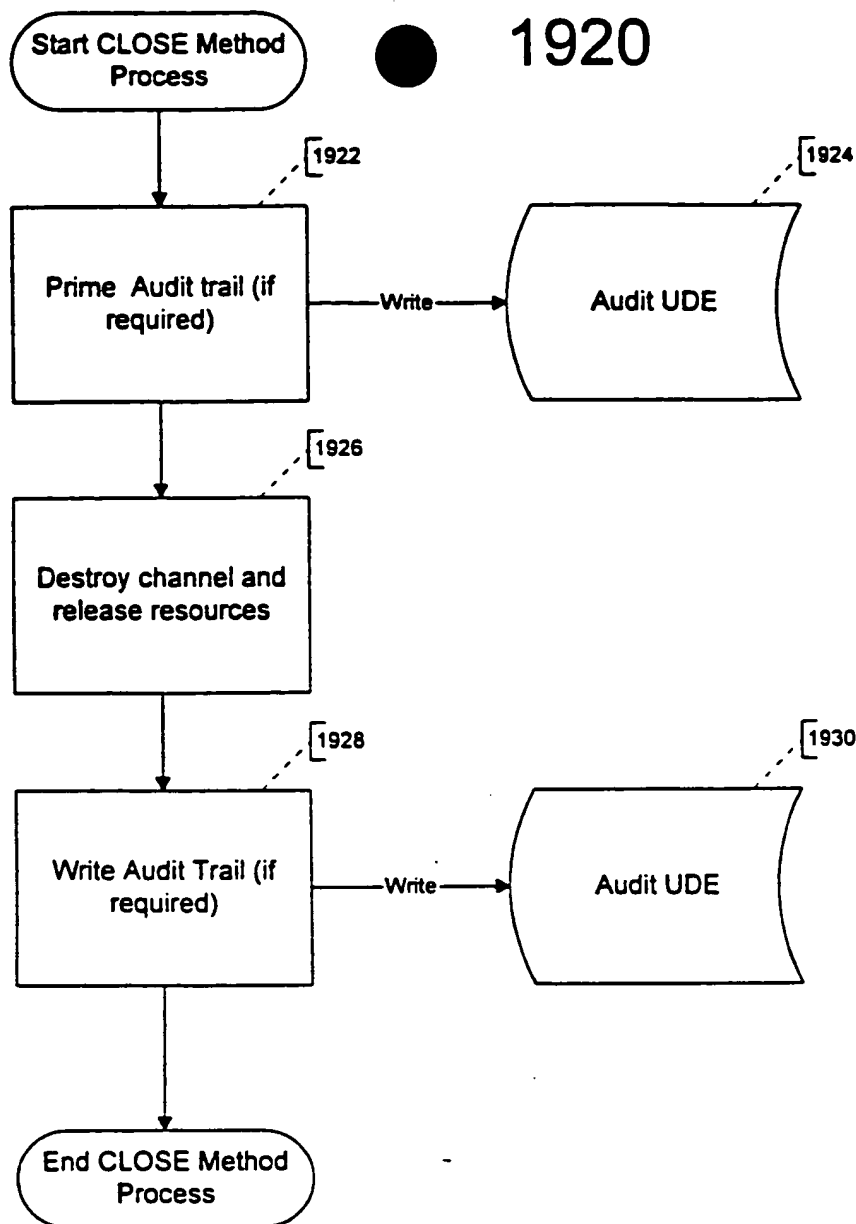


Figure 51f

004030-4462E960



CLOSE Method Process Flow

Figure 52



Fi

Sample EVENT Method Mapping Process

004030-1162960

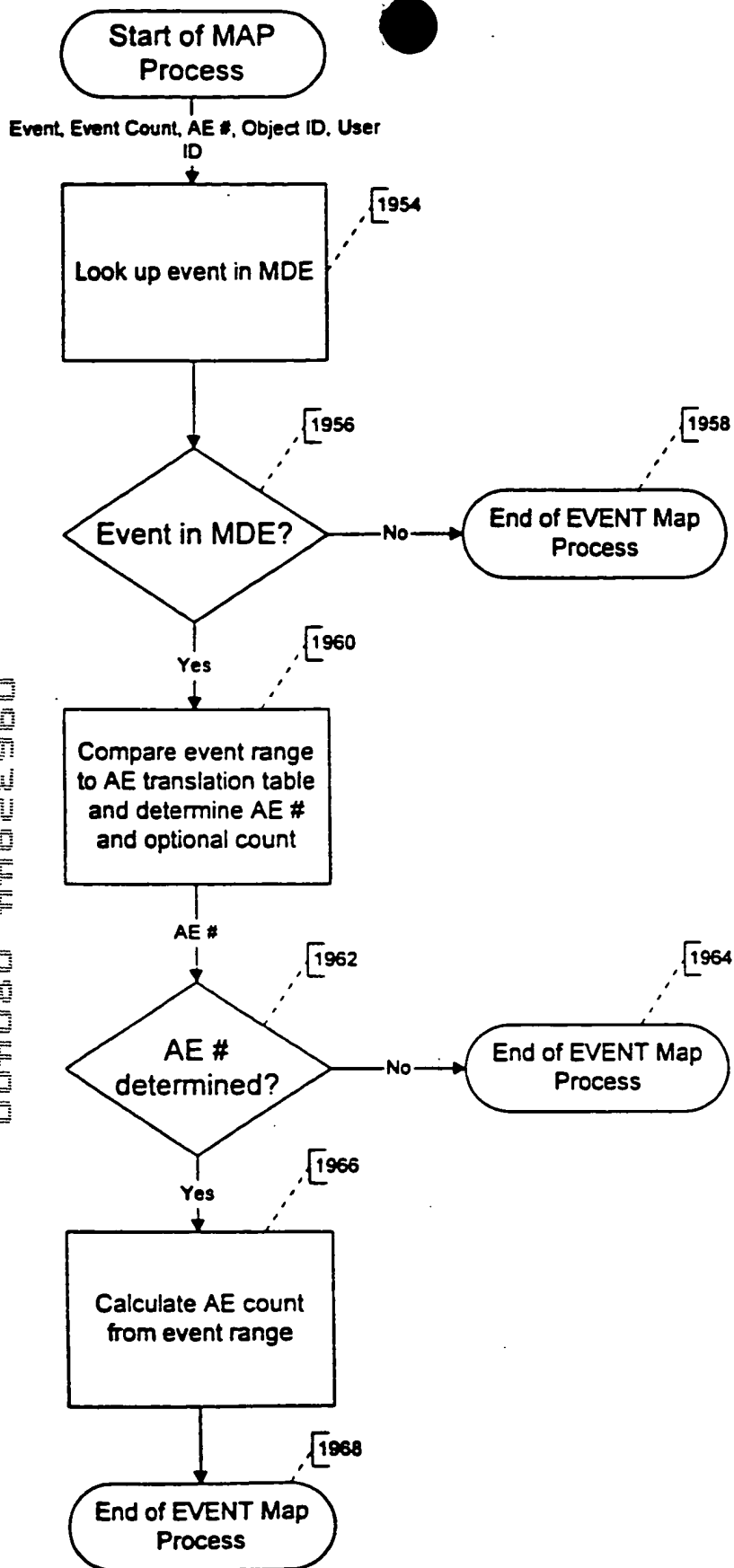
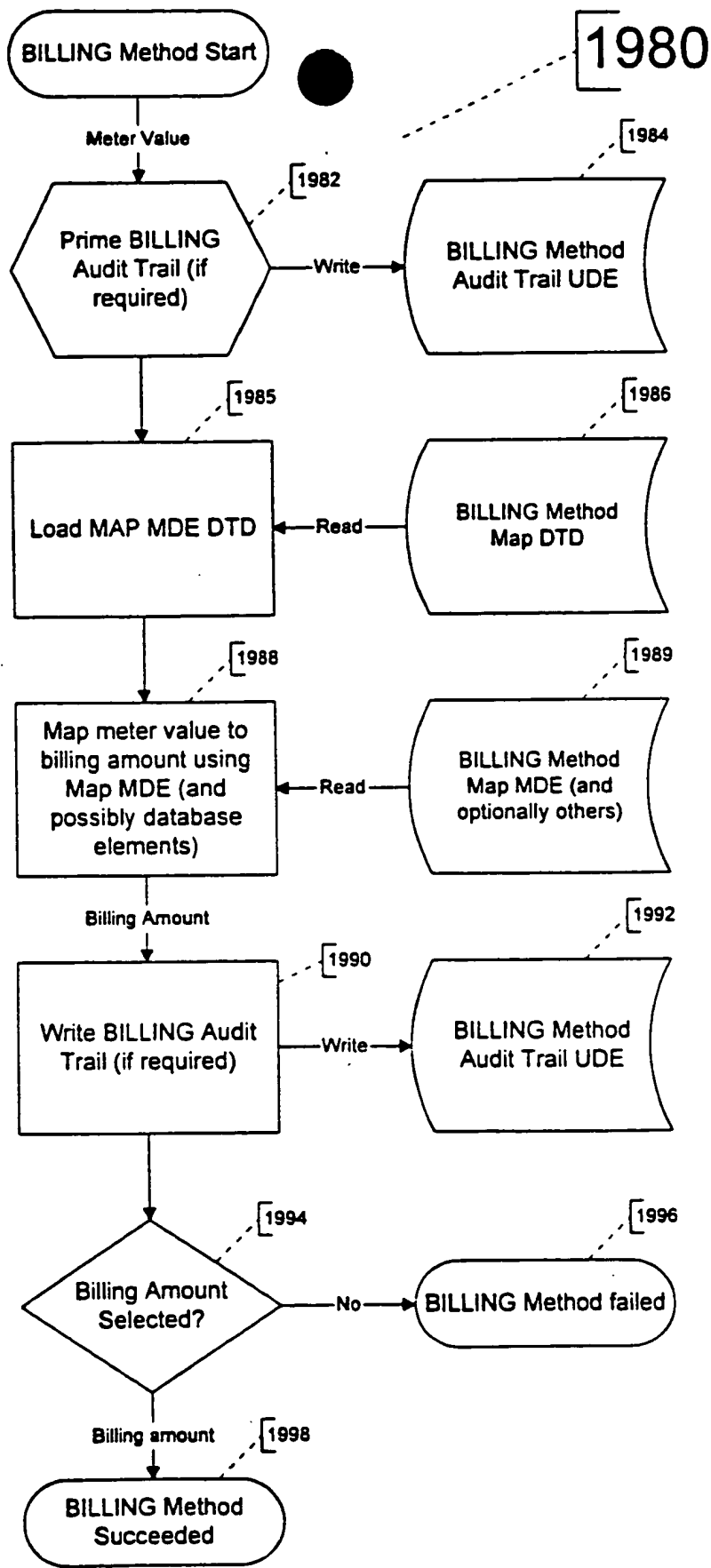


Figure 53b

004020" 4162E960



BILLING Method Process Flows

Figure 53c

004030-1162960

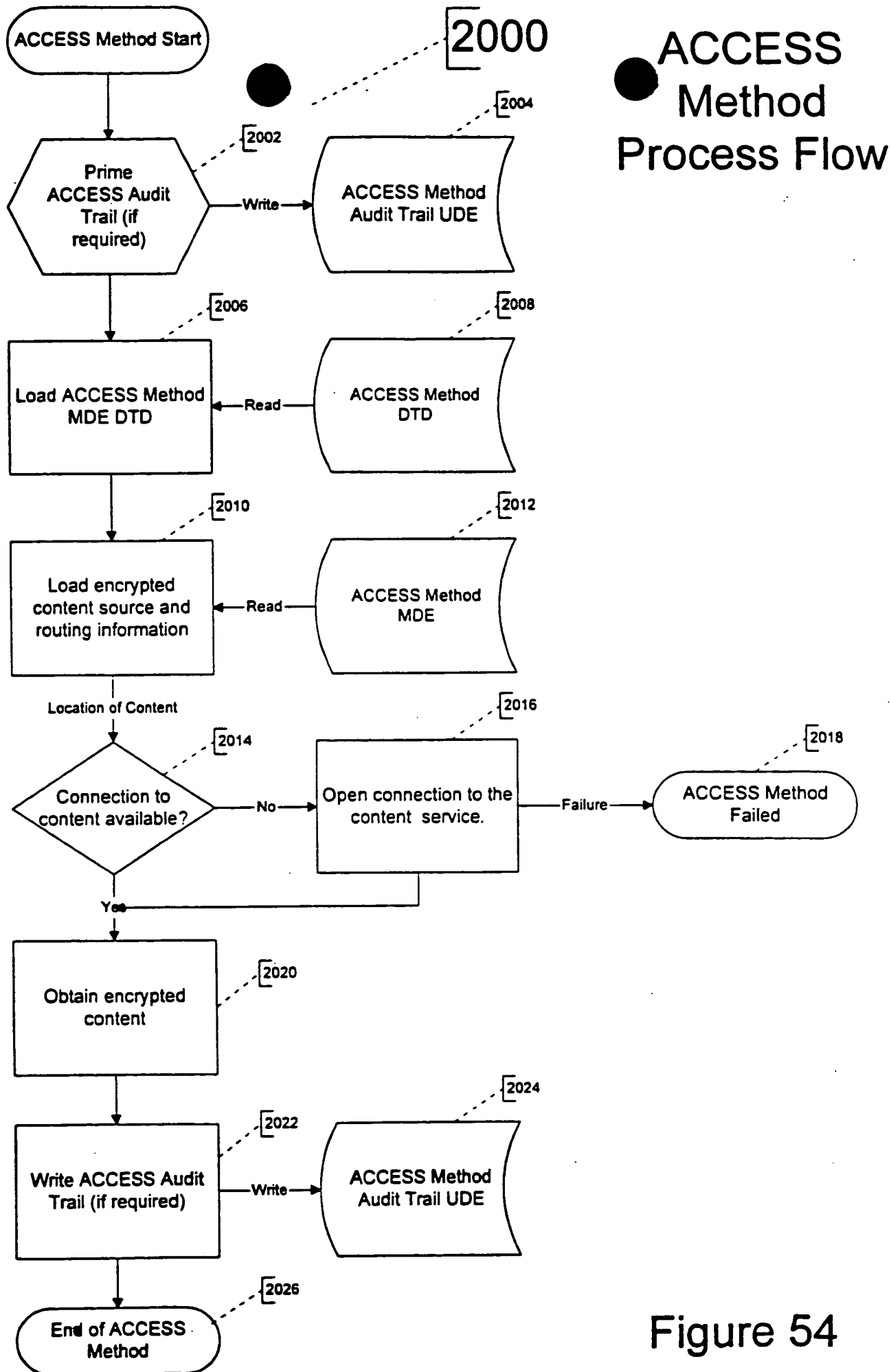


Figure 54

● DECRYPT Method Process Flow

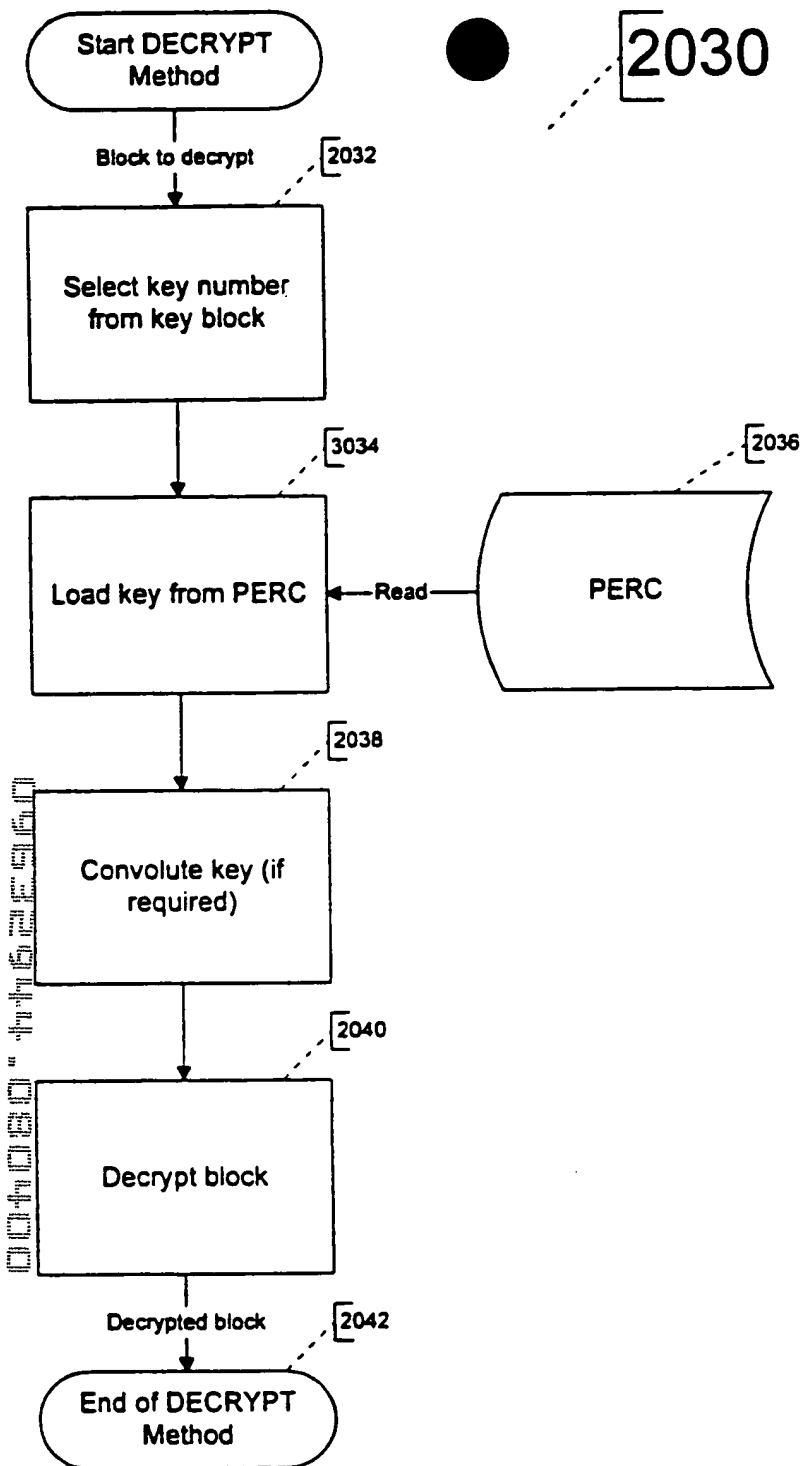


Figure 55a

ENCRYPT Method Process Flow

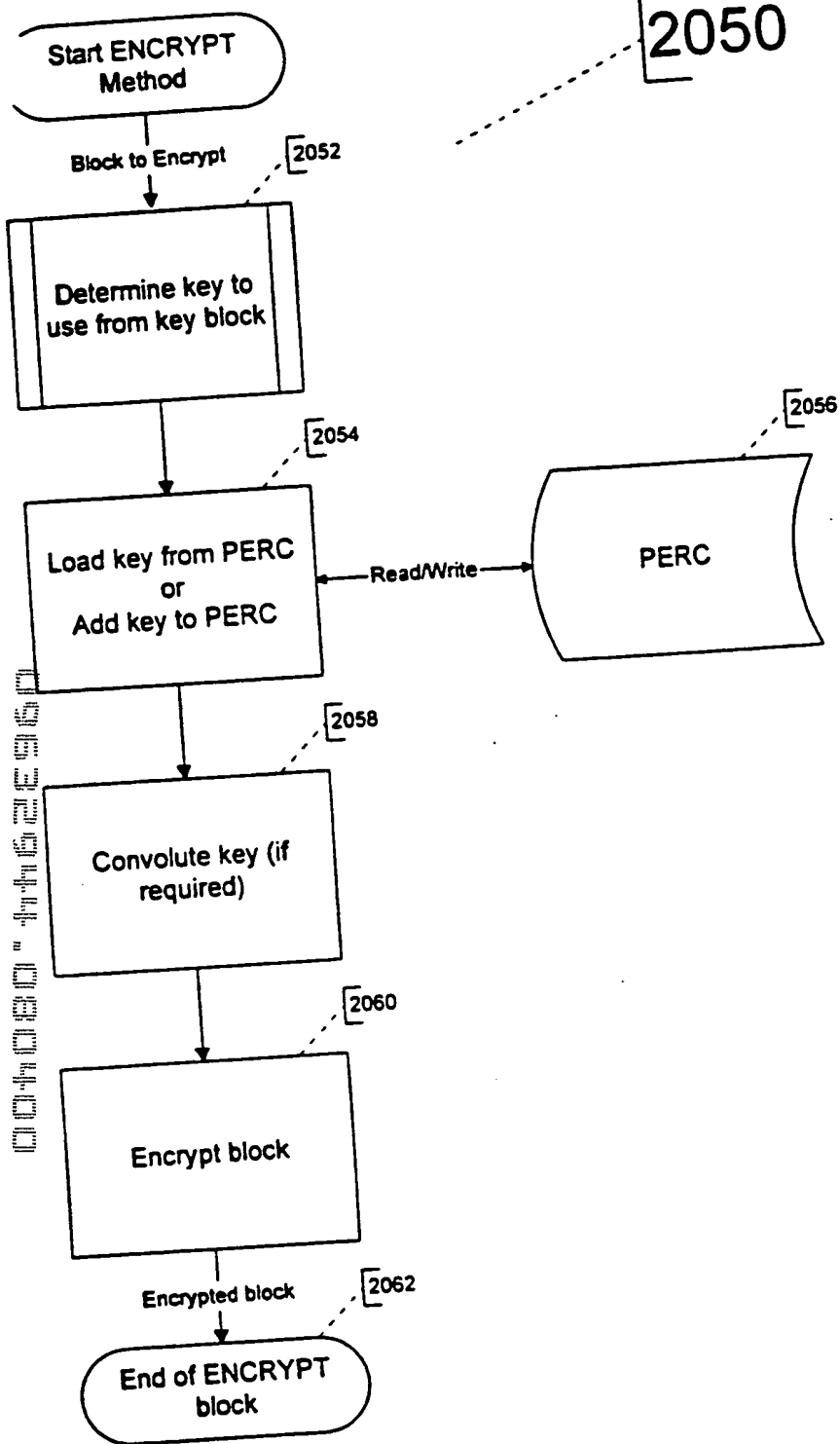


Figure 55b

CONTENT Method Process Flow

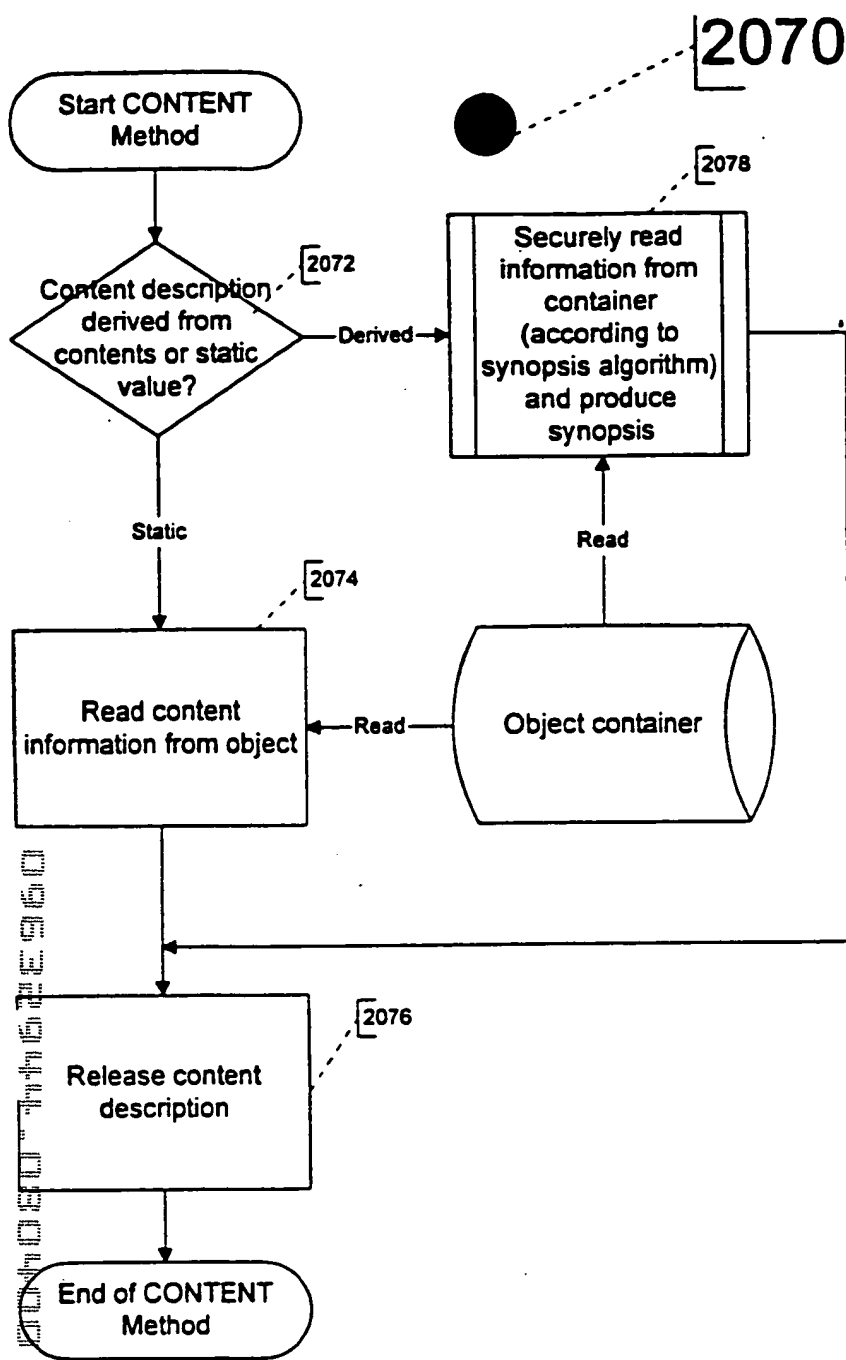


Figure 56

EXTRACT Method Process Flow

004030-1152E960

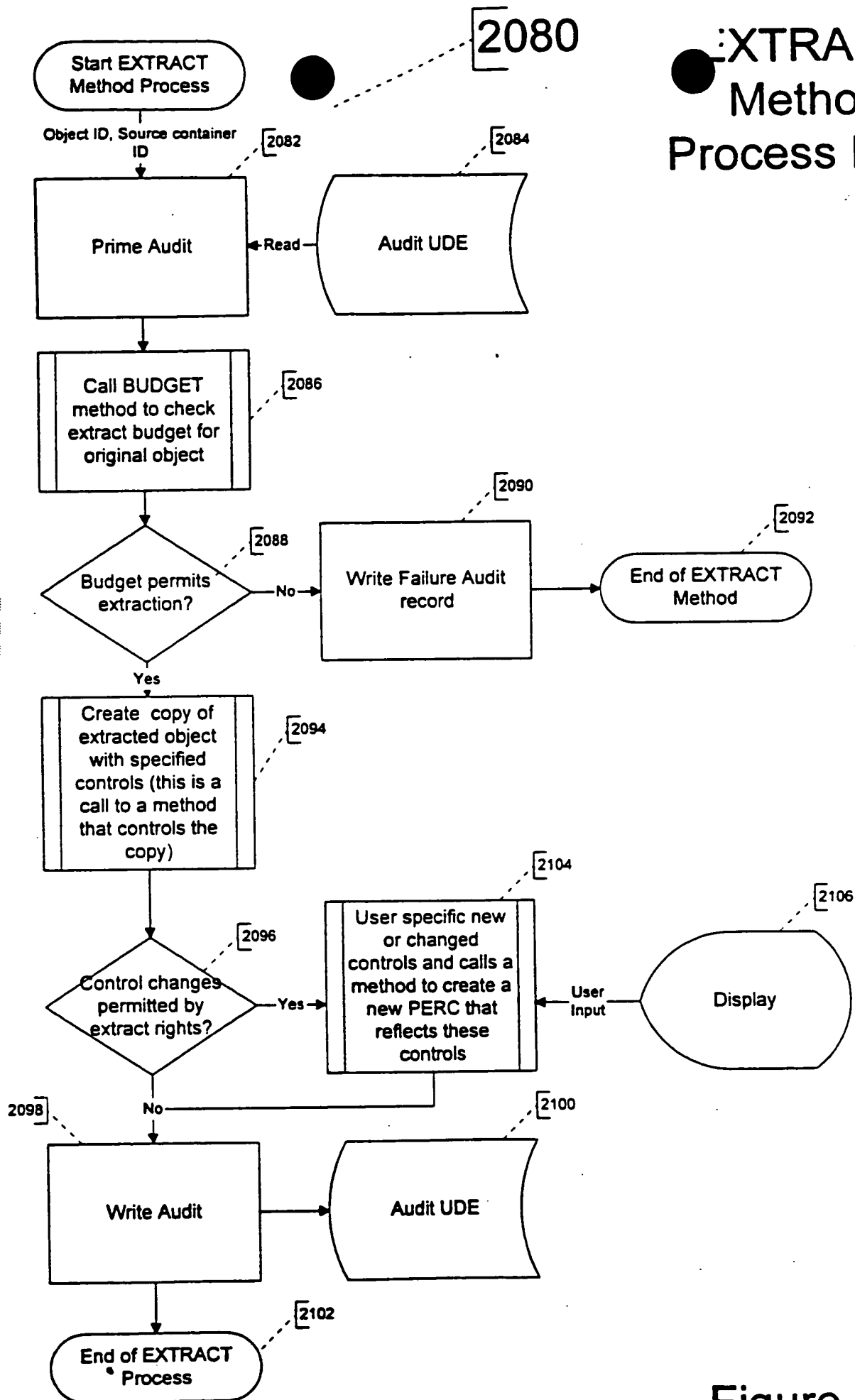


Figure 57a

2110

EMBED Method Process Flow

004030-1162E960

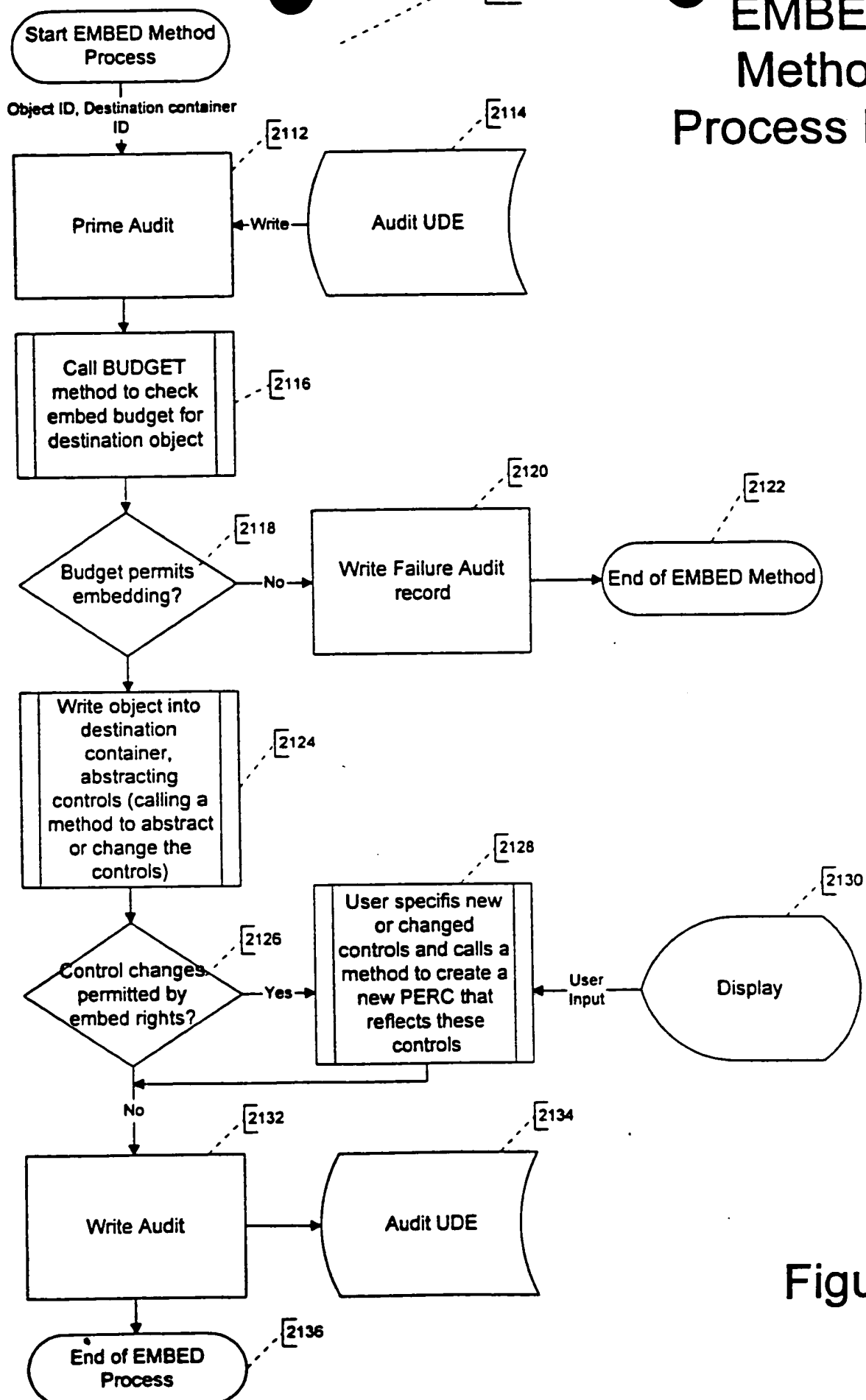
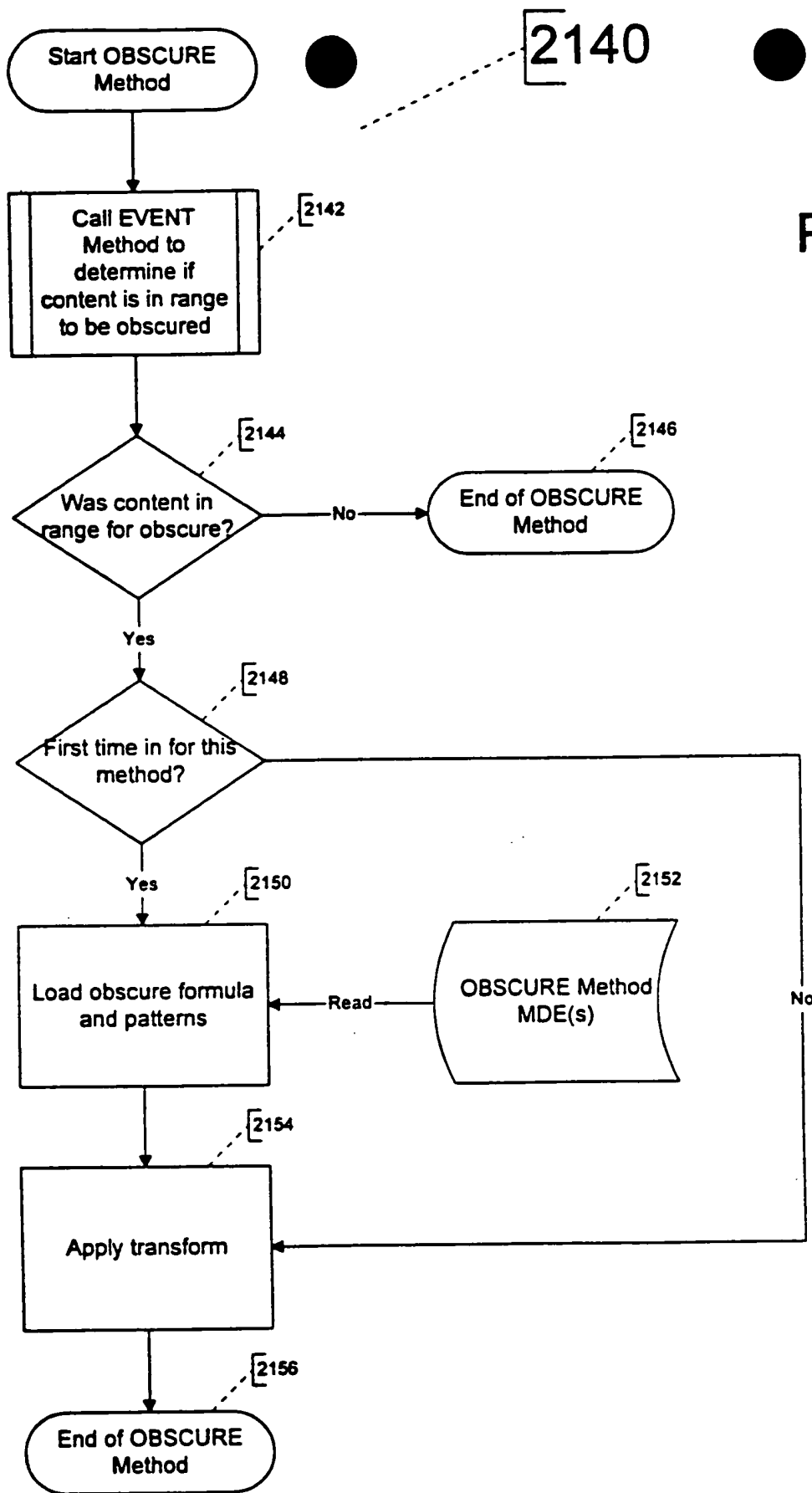


Figure 57b

004080-11622960



OBSCURE Method Process Flow

Figure 58a

2160

FINGERPRINT Method Process Flow

004030-4452E960

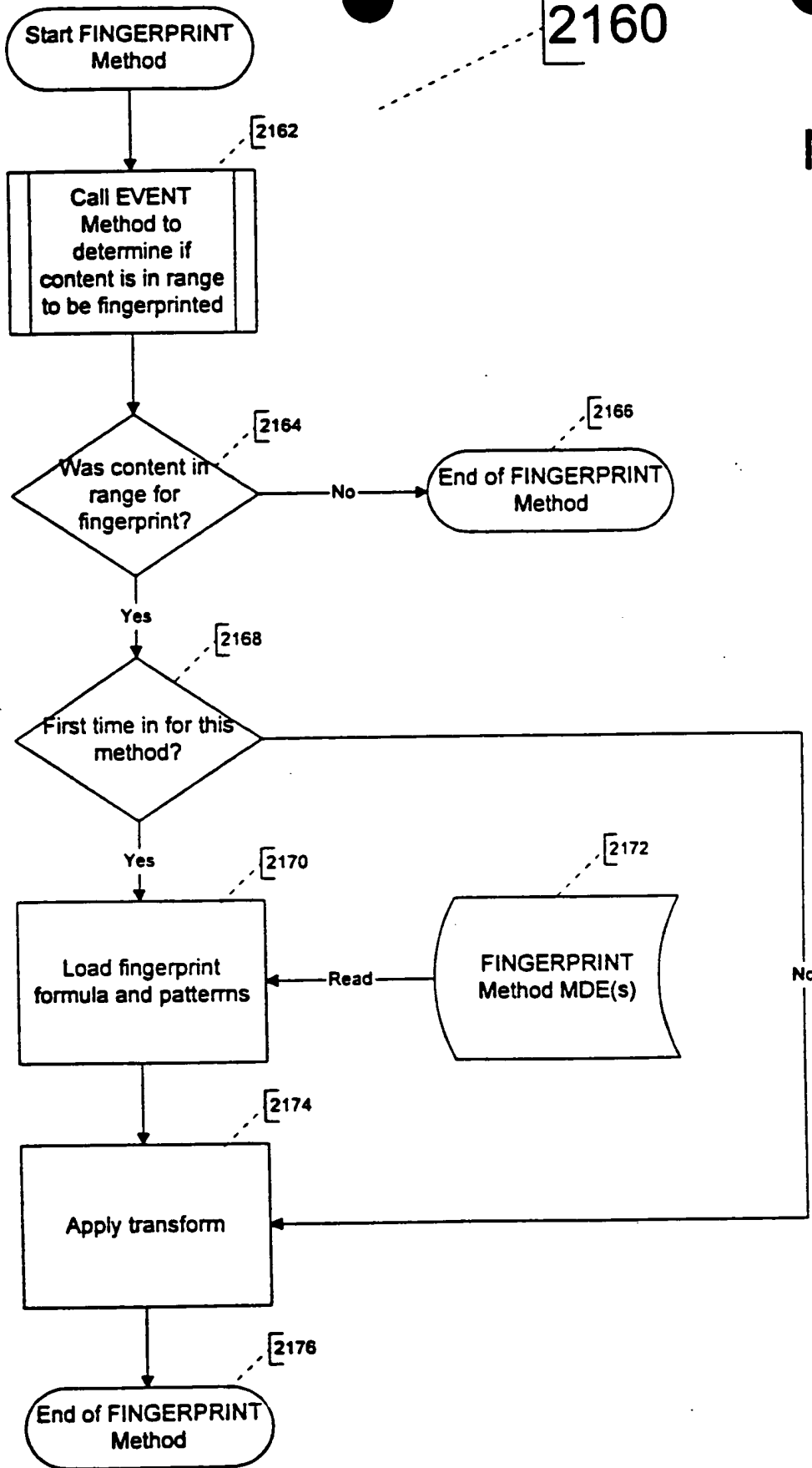


Figure 58b

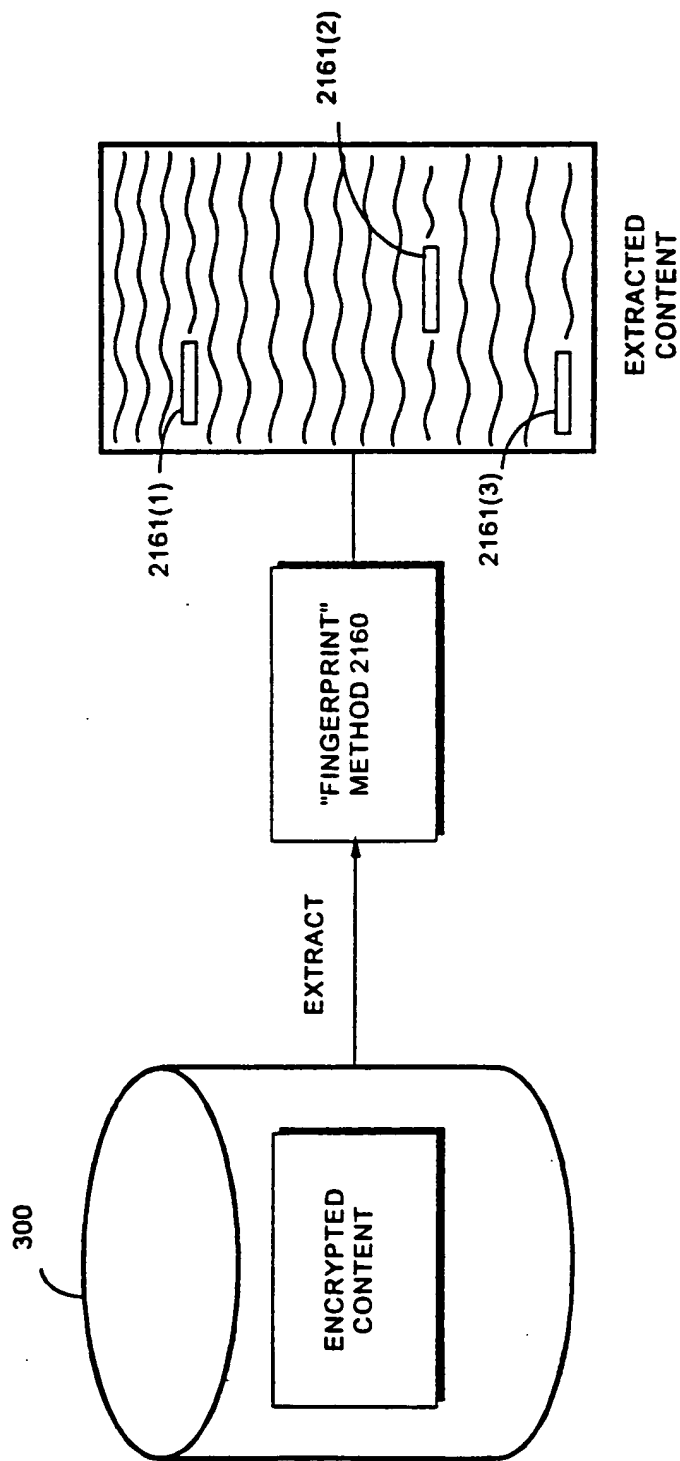
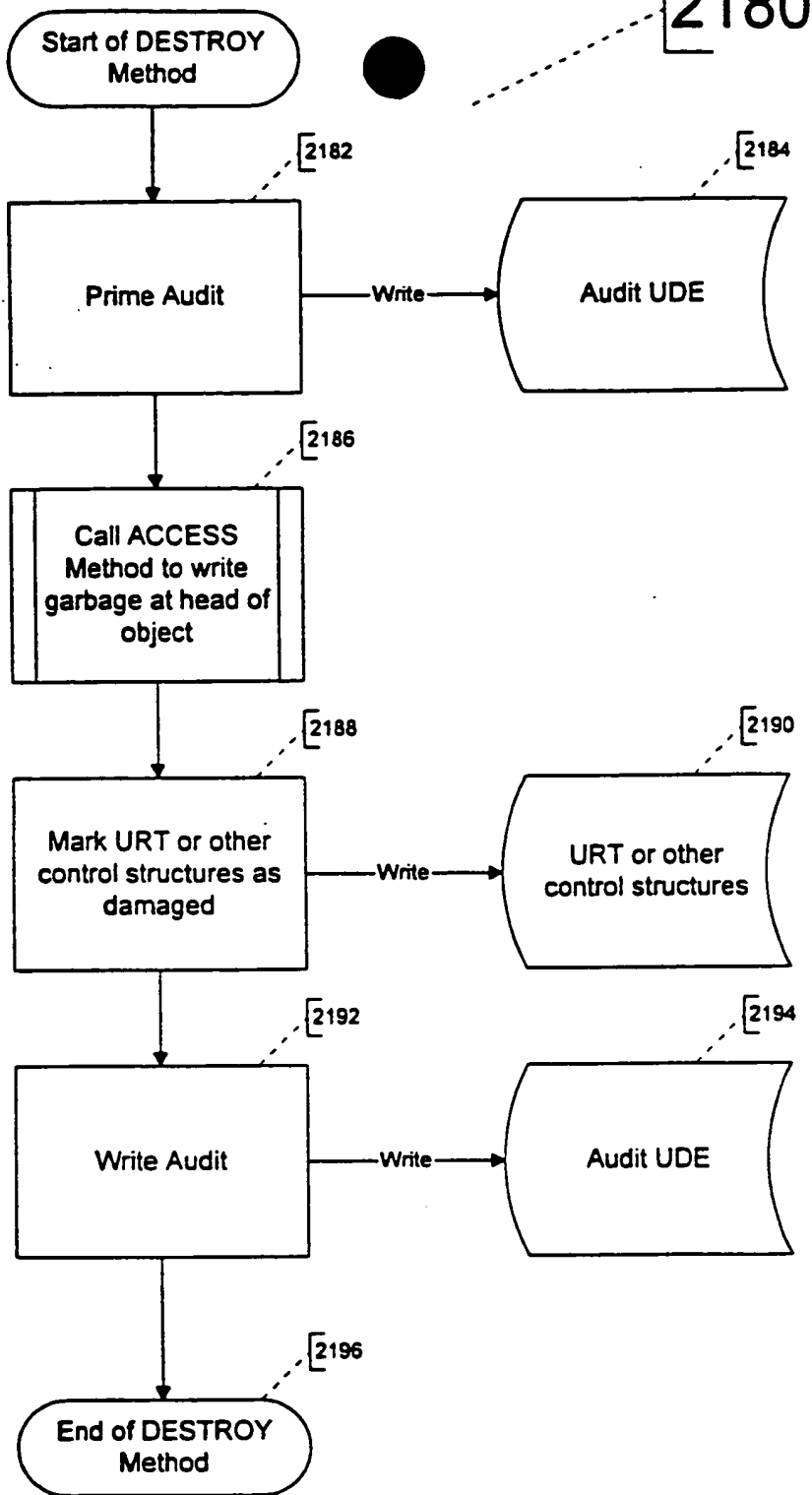


FIG. 58C

004030-1462E960



DESTROY Method Process Flow

Figure 59

PANIC Method Process Flow

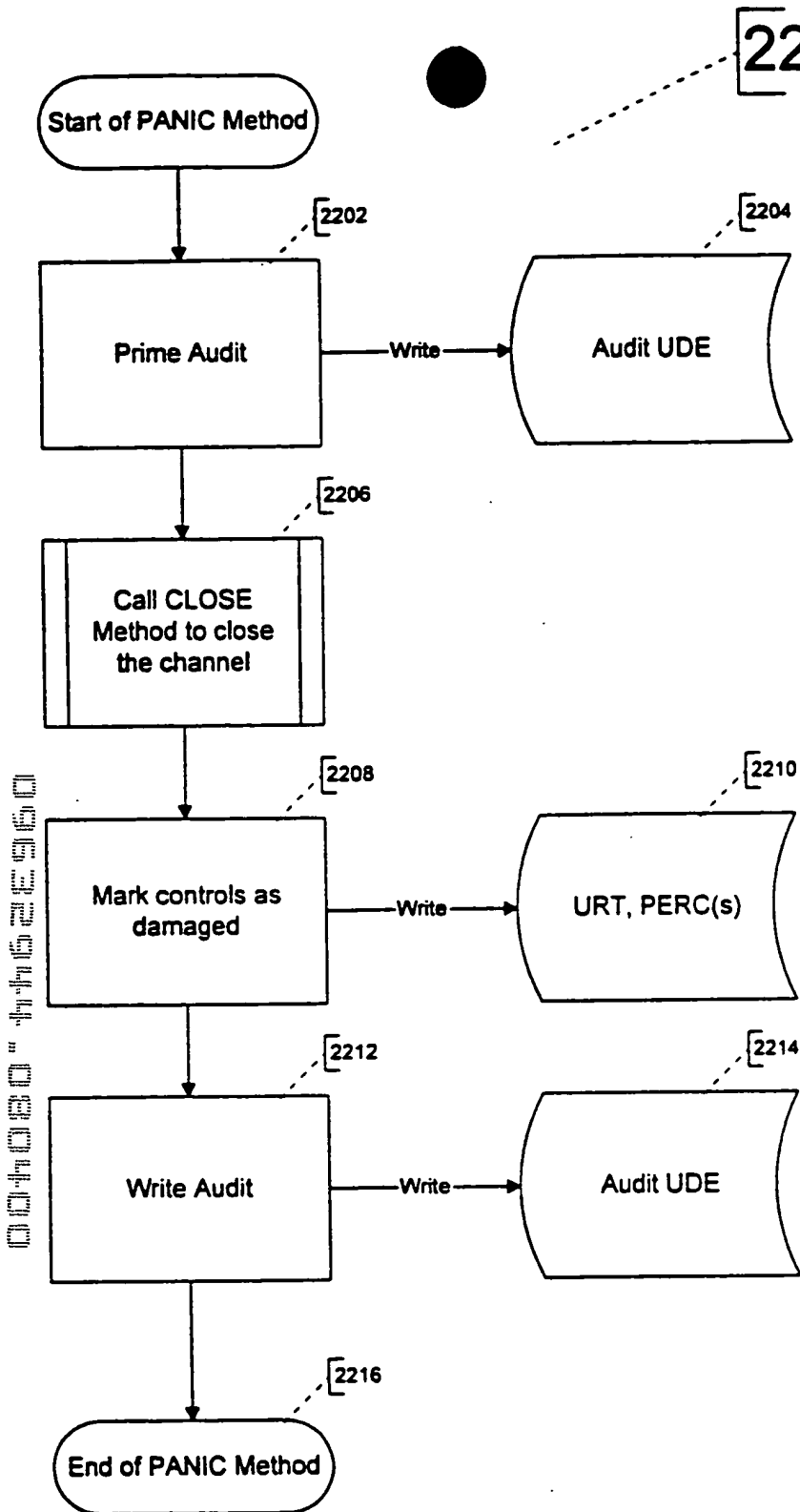


Figure 60

2220

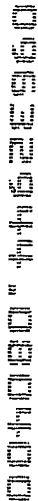
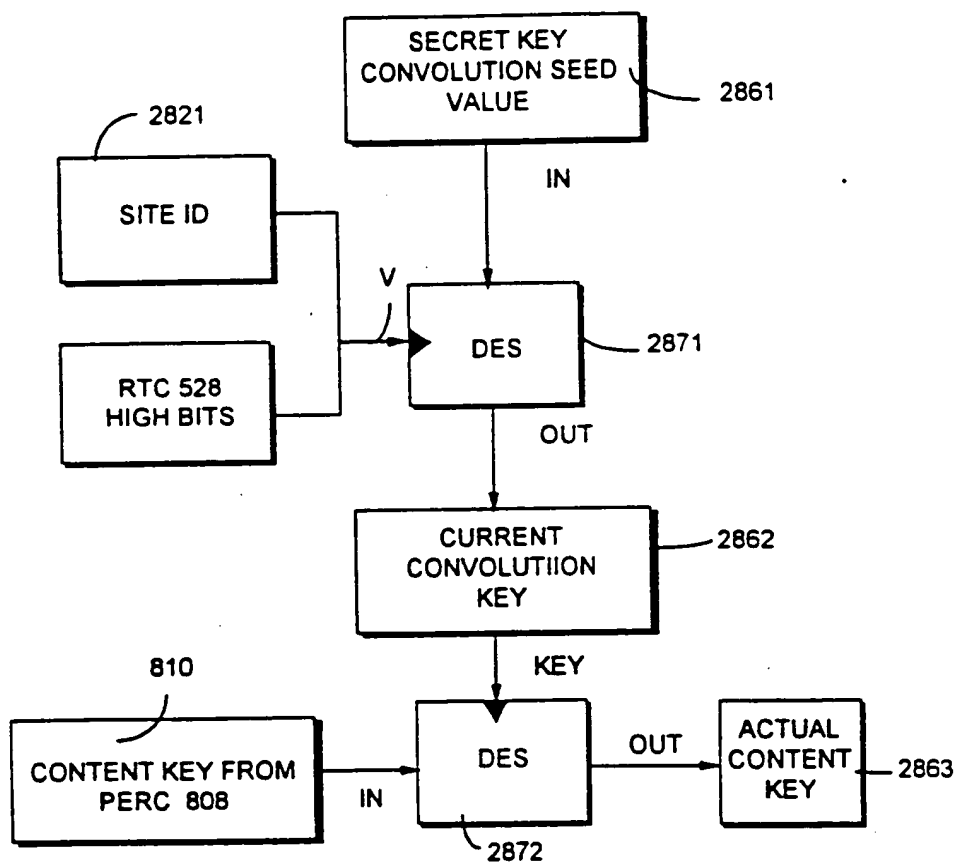


Figure 61

004030-11622960

FIG. 62
KEY CONVOLUTION PROCESS



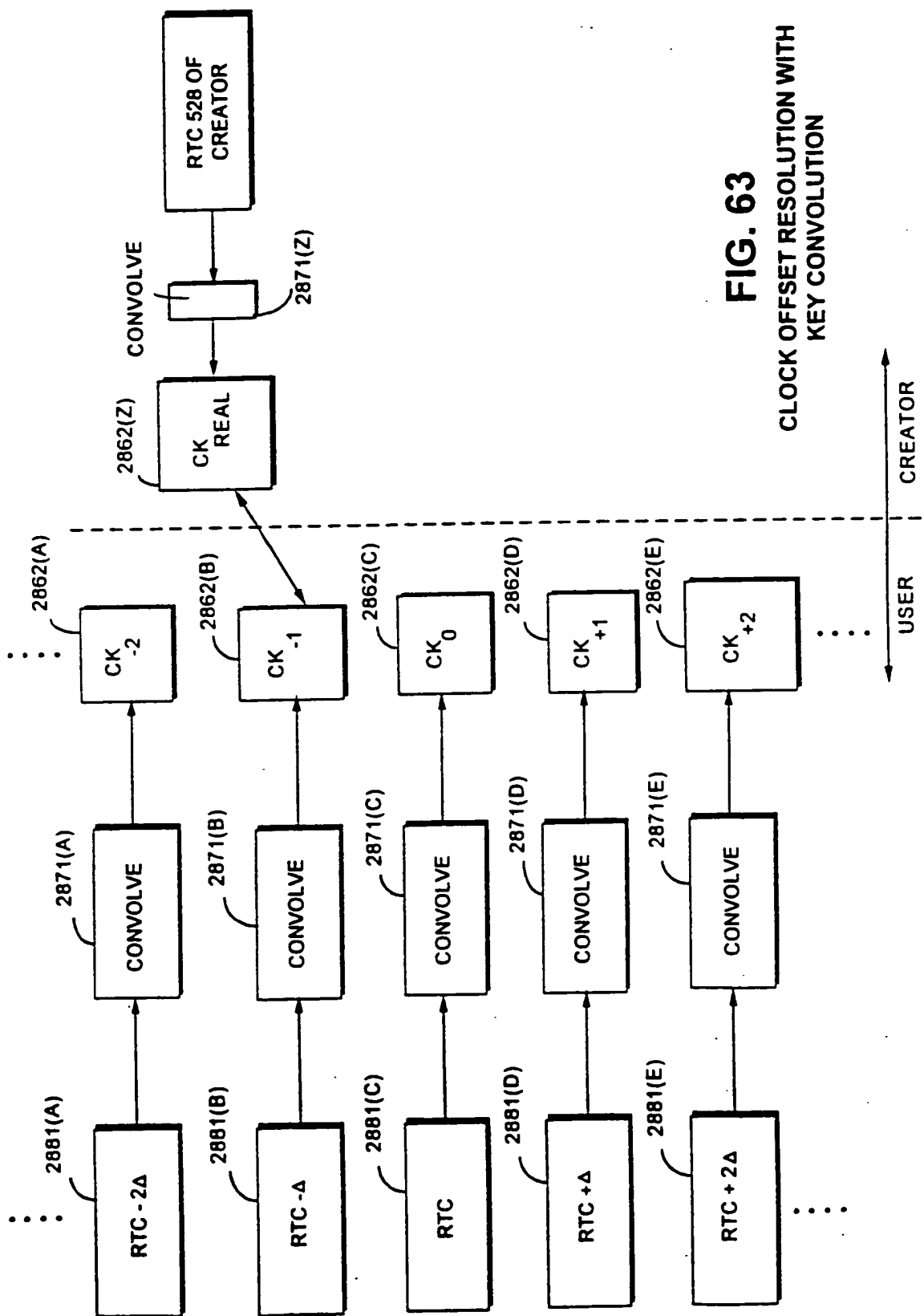
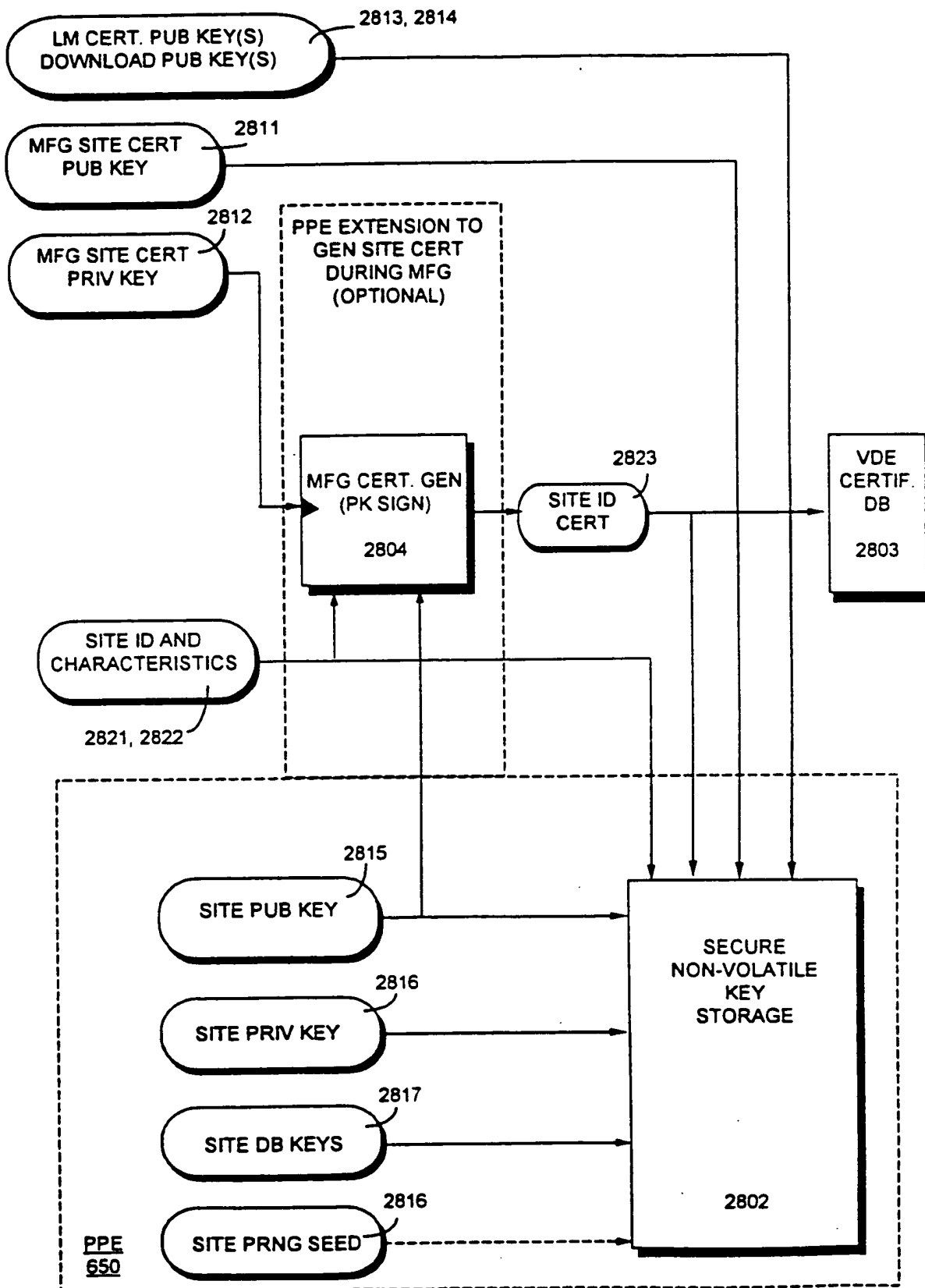


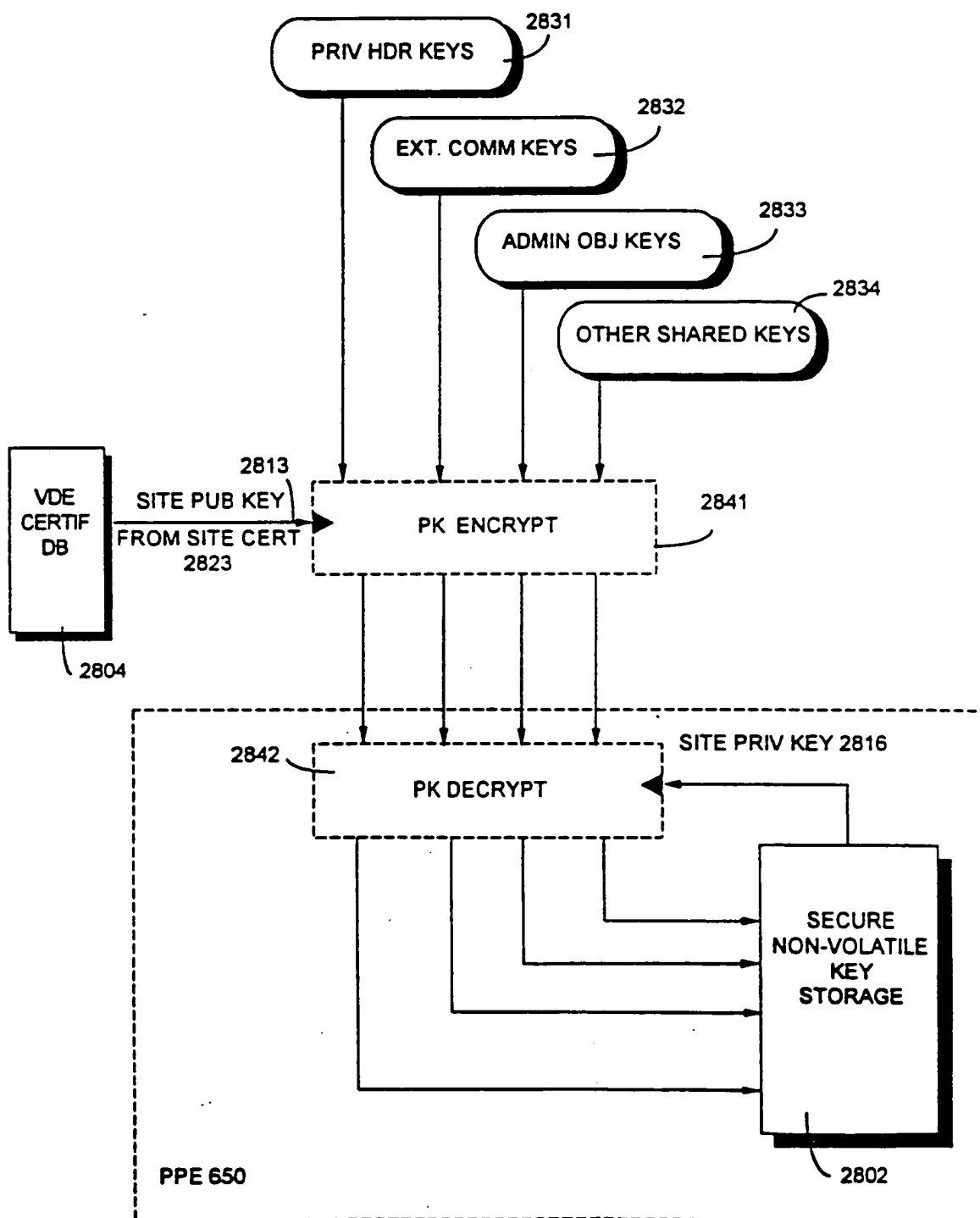
FIG. 63
CLOCK OFFSET RESOLUTION WITH
KEY CONVOLUTION

FIG. 64 SPU KEY INITIALIZATION/INSTALLATION



004030" 4462E960

FIG. 65 KEY INSTALLATION & UPDATE



001080-11622960

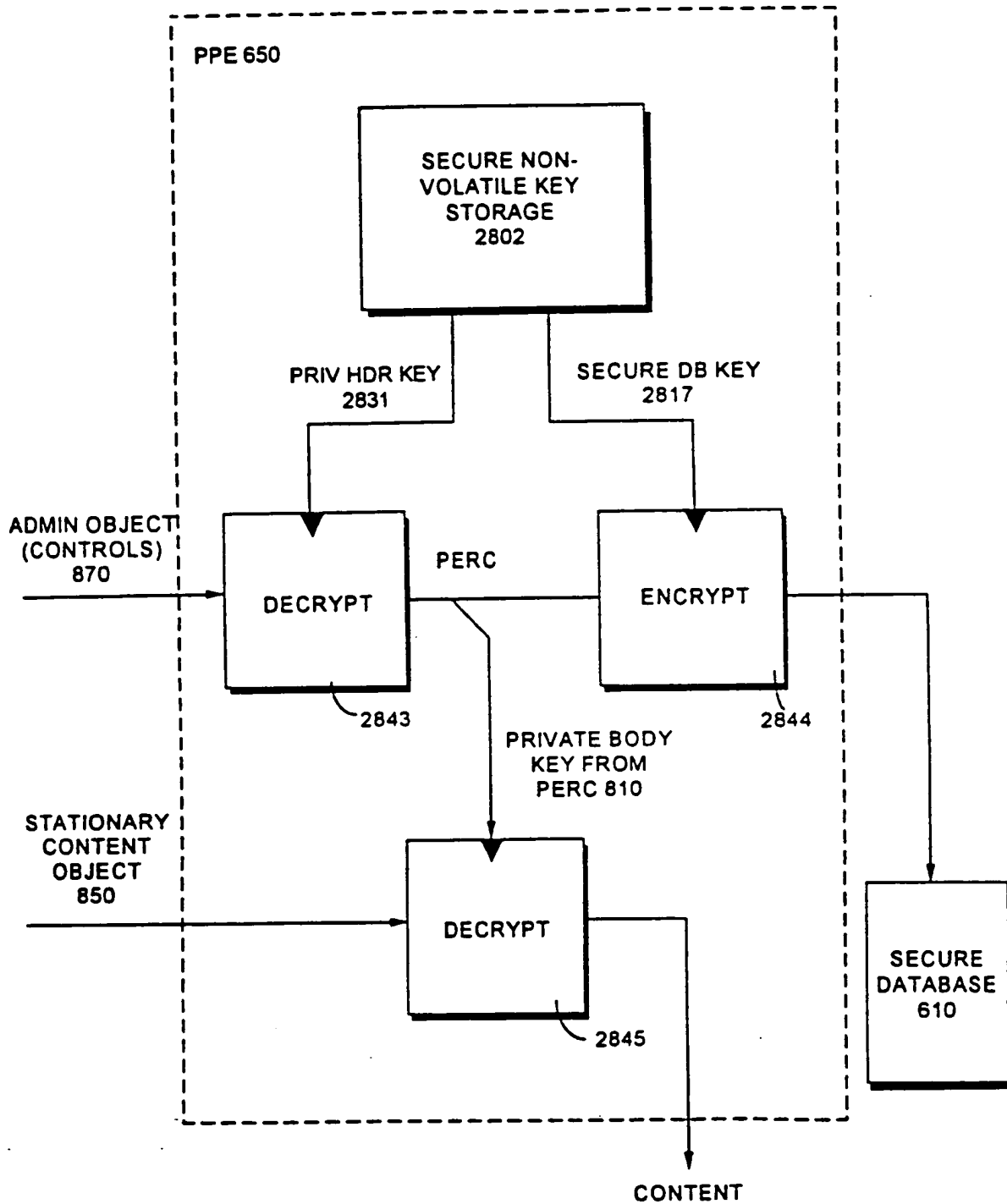


FIG. 66 STATIONARY OBJECT DECRYPTION

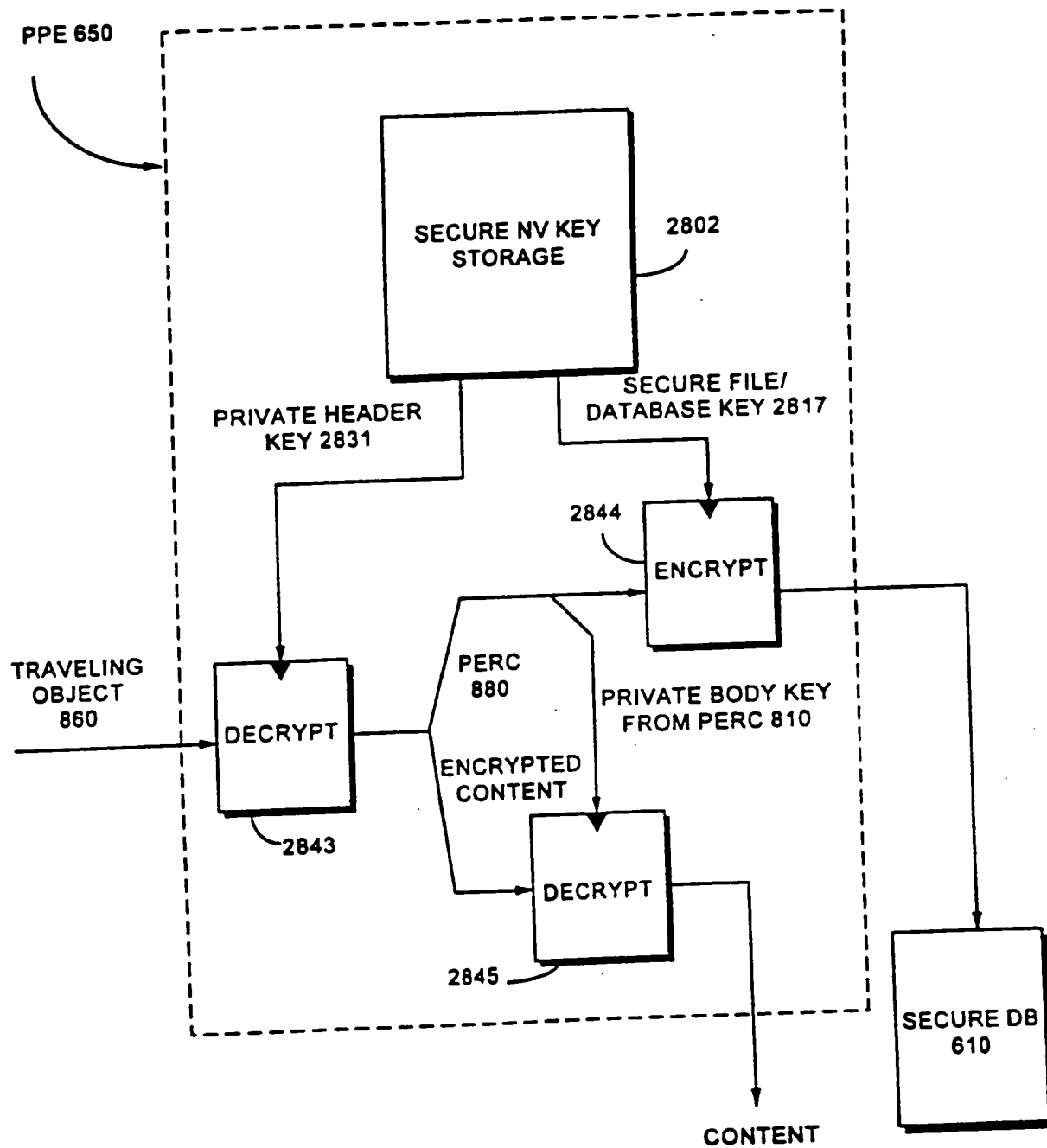
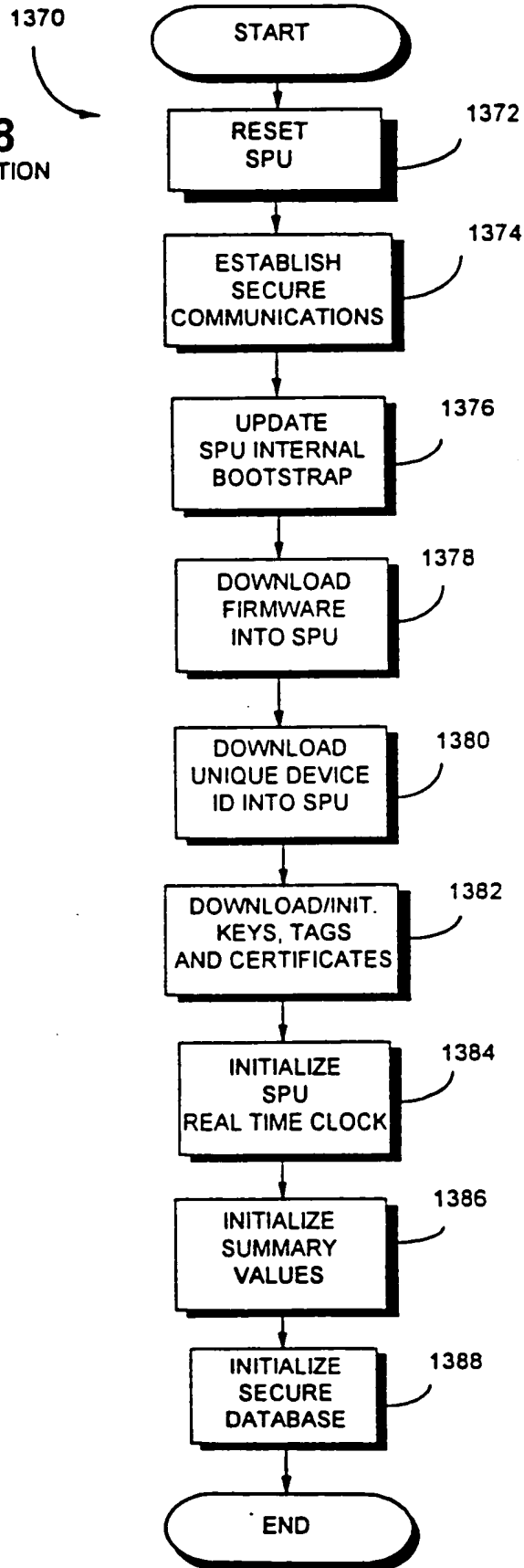


FIG. 67 TRAVELING OBJECT DECRYPTION

FIG. 68
SPU INITIALIZATION



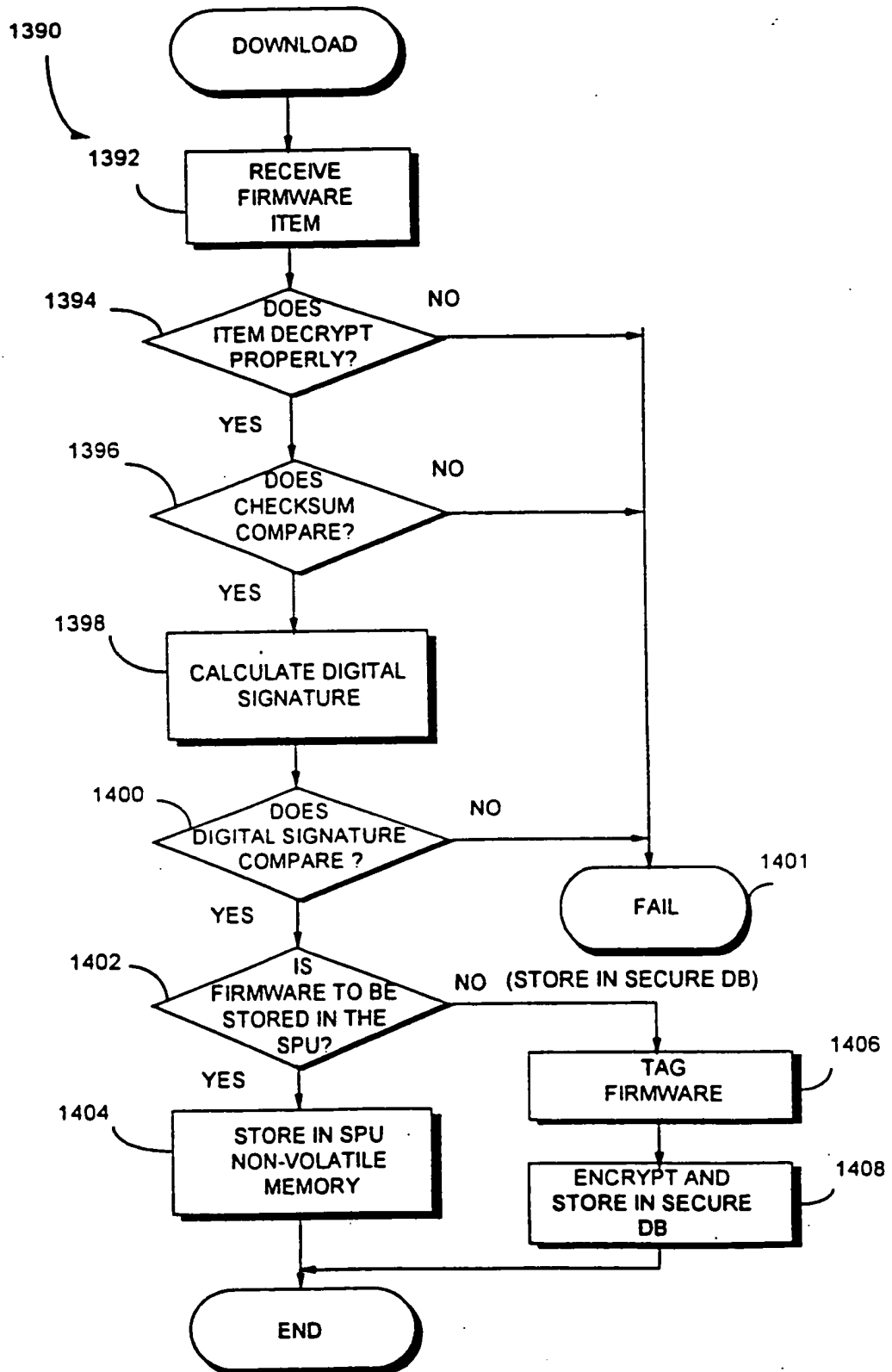


FIG. 69

SPU FIRMWARE
DOWNLOAD

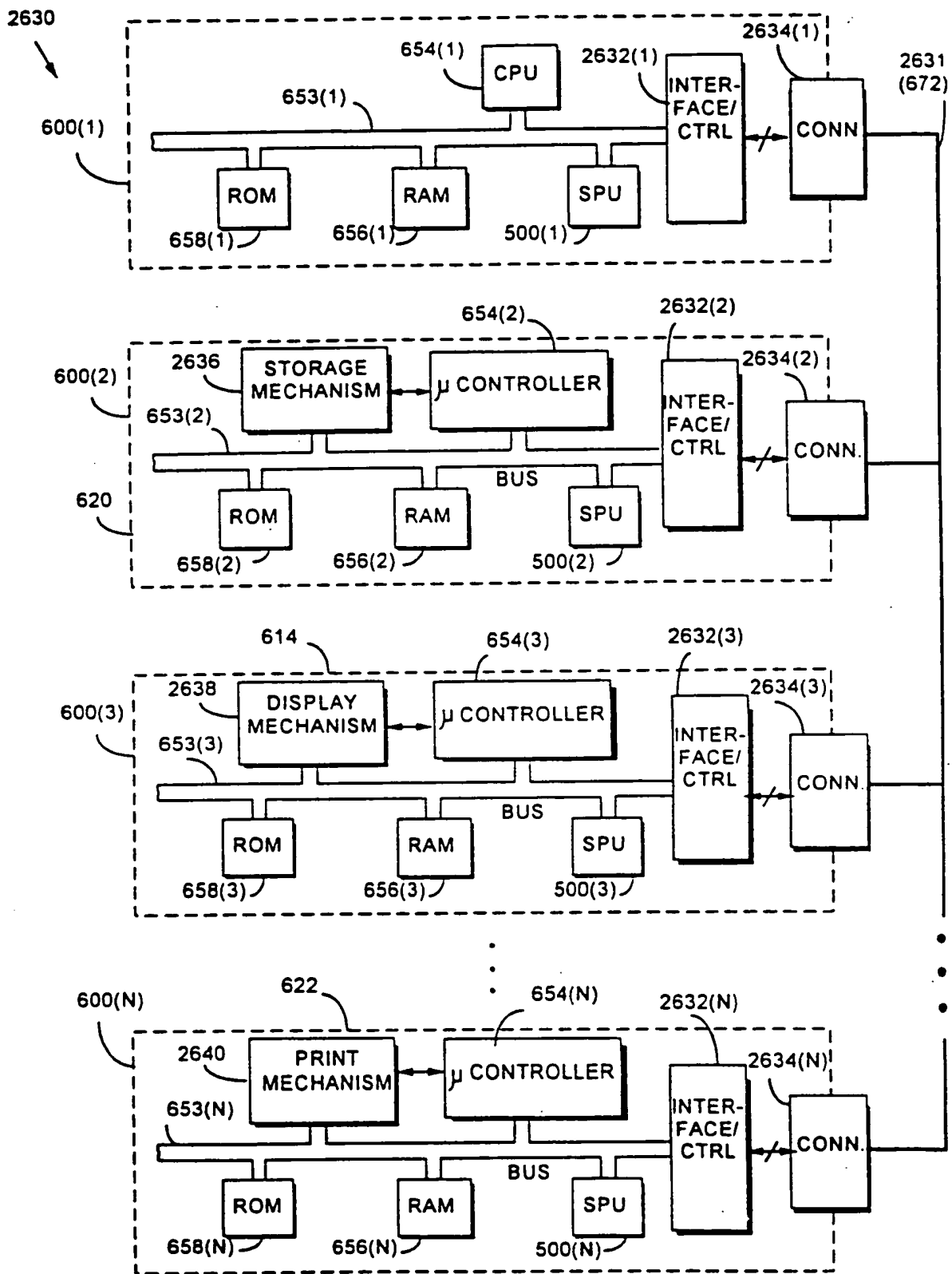
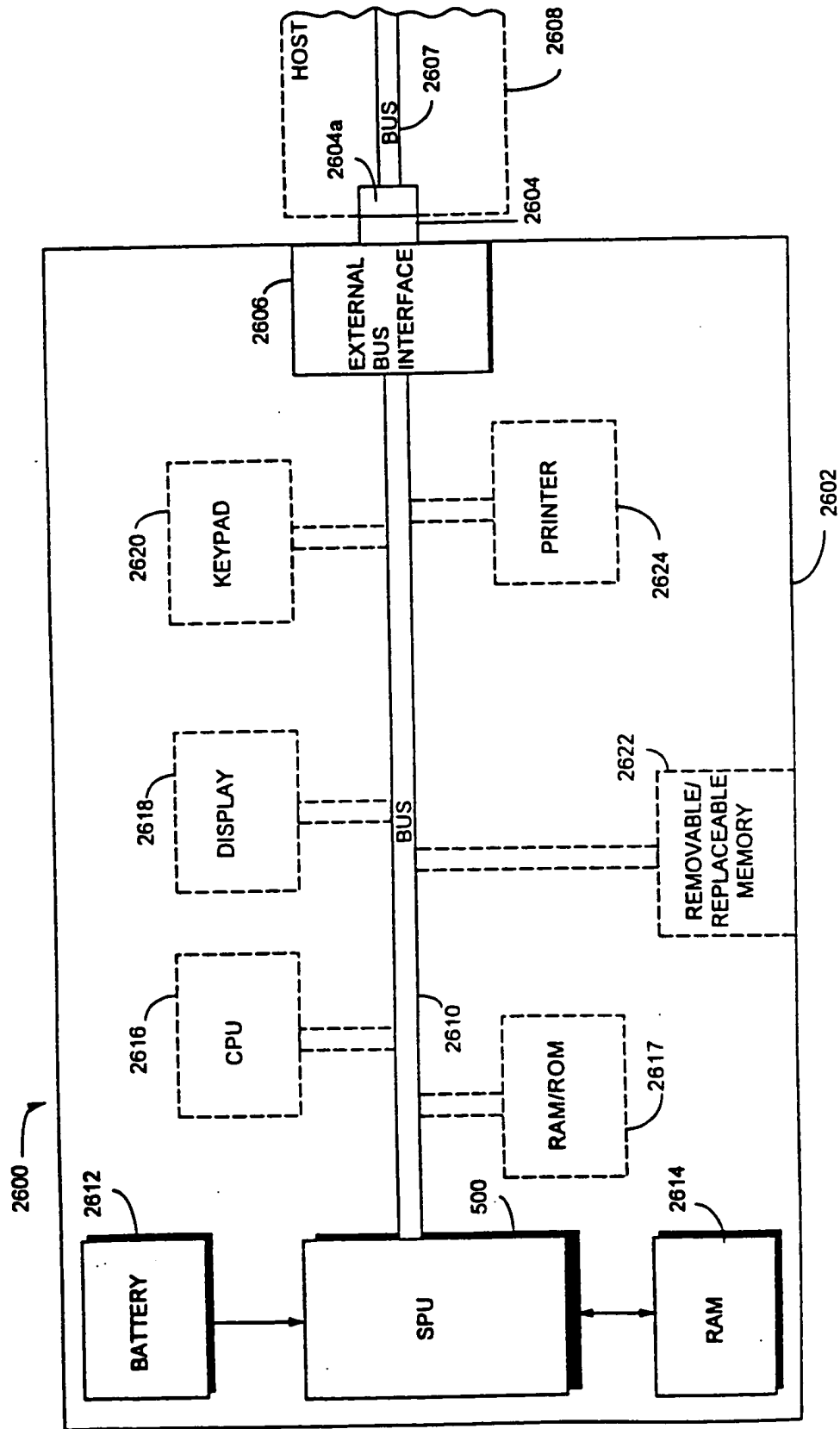


FIG. 70

FIG. 71

PORTABLE APPLIANCE



LOG IN USER INTERFACE

182

A login interface window with a title bar. It contains three input fields: 'USER NAME:' with the text 'SHEAR, V.', 'PASSWORD:' with five asterisks, and a checkbox labeled 'LOGIN AT STARTUP'. To the right of these fields are three buttons: 'LOGIN', 'CANCEL', and 'HELP'.

FIG. 72A

FIG. 72B

A confirmation window titled 'YOU HAVE REQUESTED THESE PROPERTIES:'. It features a warning icon (triangle with an exclamation mark) on the left. The main text is 'LOONEY TUNES NEWS!'. Below this, there is a 'PROPERTY INFO' button, the text 'Your Cost: \$7.50', and a 'MORE OPTIONS' button with a right-pointing arrow. On the right side, there are three buttons: 'CANCEL', 'APPROVE', and 'SUSPEND'.

2660

2662

2664

FIG. 72C

SET LIMITS:

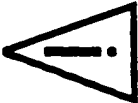
SESSION DOLLAR LIMIT: \$

TRANSACTION DOLLAR LIMIT: \$

TIME LIMIT (IN MINUTES):

UNIT LIMIT:

FIG. 72D



YOU HAVE REQUESTED THESE PROPERTIES:

LOONEY TUNE NEWS!

CANCEL

SUSPEND

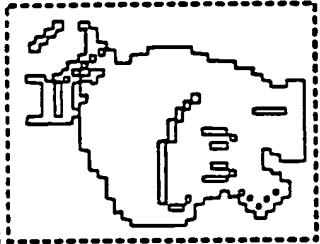
APPROVE

PROPERTY INFO

YOUR COST : \$7.50

More Options ☒

Show Thumbnail



PROPERTY:	SIZE:	PUBLISHER:	AMOUNT:	UNITS:	COST/UNIT:	TYPE:	USE?:	LINKS:	HIST:
CHUCK JONES BIOGRA...	256KB	WARNER NEW MEDIA	64	KBYTE	\$1.25	PREVIEW	✓	●	
▼ BUGS BUNNY .JPE...	1MB	WARNER NEW MEDIA	1	RECORD	\$5.00	DISPLAY	✓	●	
BUGS BUNNY .JPEG...	1MB	WARNER NEW MEDIA	10	RECORD	\$3.50	DISPLAY		●	
BUGS BUNNY .JPEG...	1MB	WARNER NEW MEDIA	25	RECORD	\$2.50	DISPLAY		●	
FRIZ FRELENG BIOGRA...	256KB	WARNER NEW MEDIA	120	SECTOR	\$5.00	PRINT			
TEX AVERY BIOGRAP...	256KB	WARNER NEW MEDIA	50	PERCENT	\$2.50	COPY			
► DUCKI RABBITI DU...	64MB	WARNER NEW MEDIA	7.0	MINUTE	\$7.50	COPY-PRO			
MEL BLANC BIOGRAPH...	256KB	WARNER NEW MEDIA	1	SPECIAL	\$25.25	INSTALL			
LOONEY TUNES DATAB...	600MB	WARNER NEW MEDIA	1	OBJECT	\$2000.00	ALL		●	

SET LIMITS...

SHOW BUDGETS

ACQUIRE BUDGET...

HISTORY...

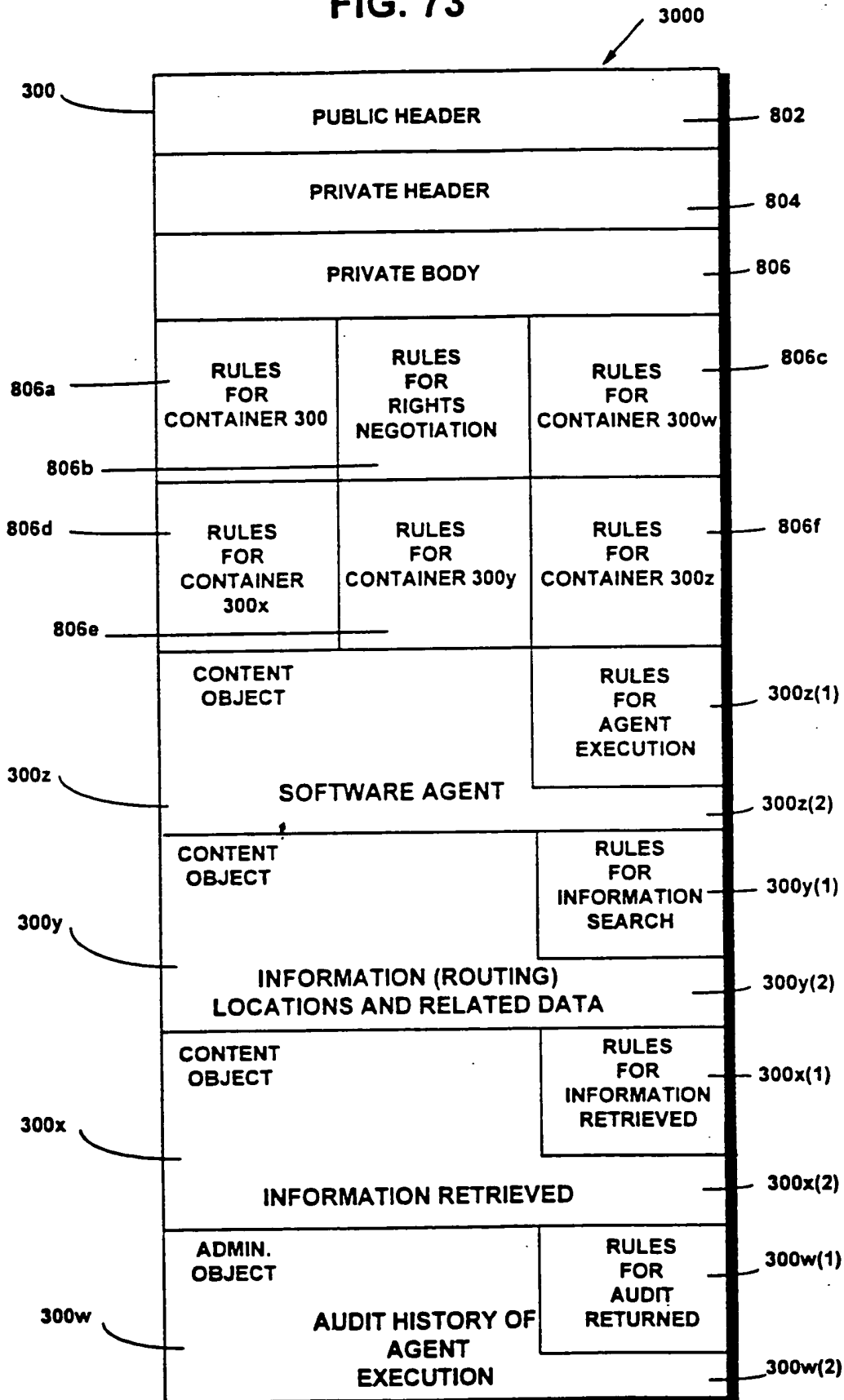
TRANSFER...

PREFERENCES...

FEEDBACK...

HELP!

FIG. 73



004080" 11622960

FIG. 74

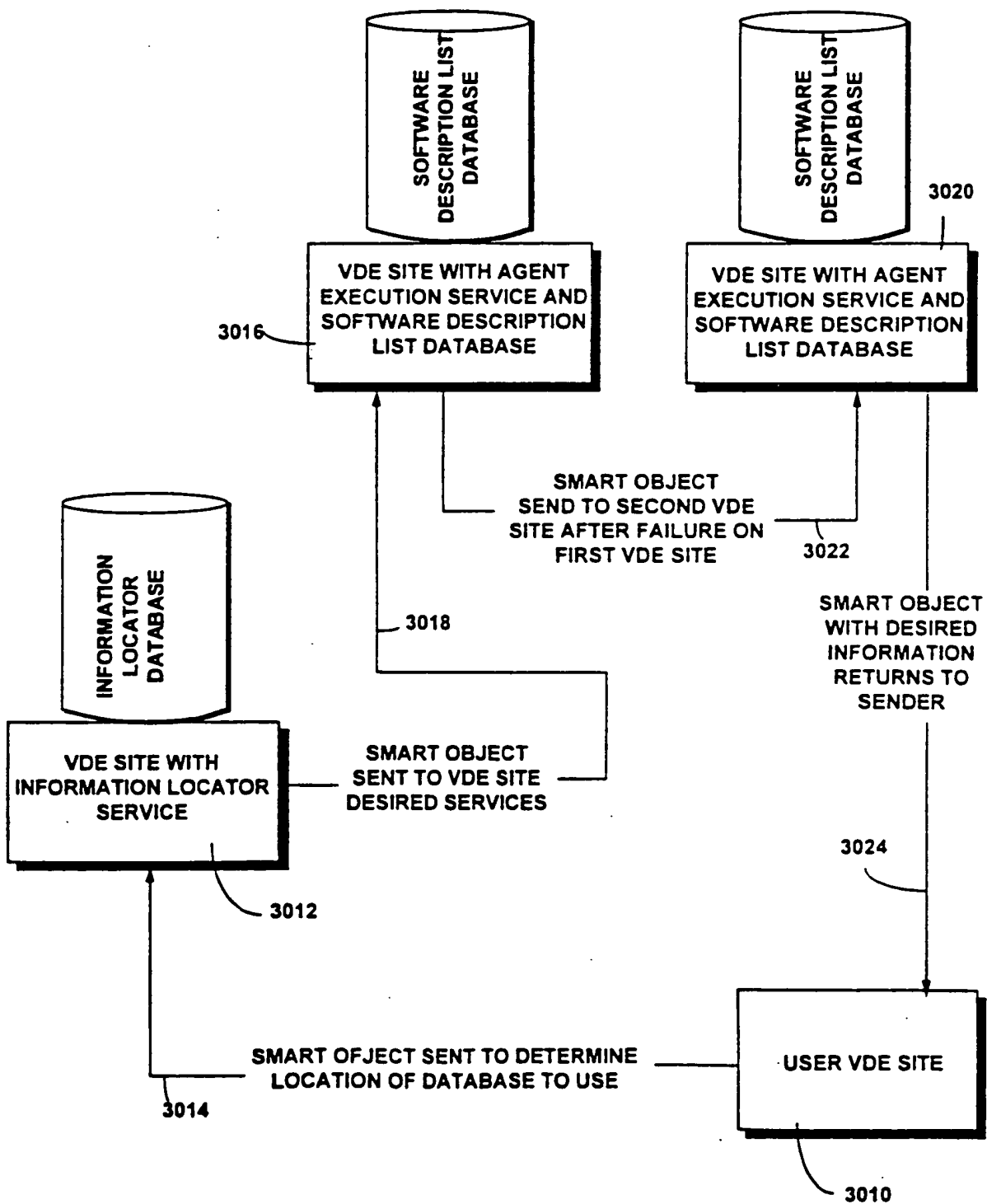


FIG. 75A

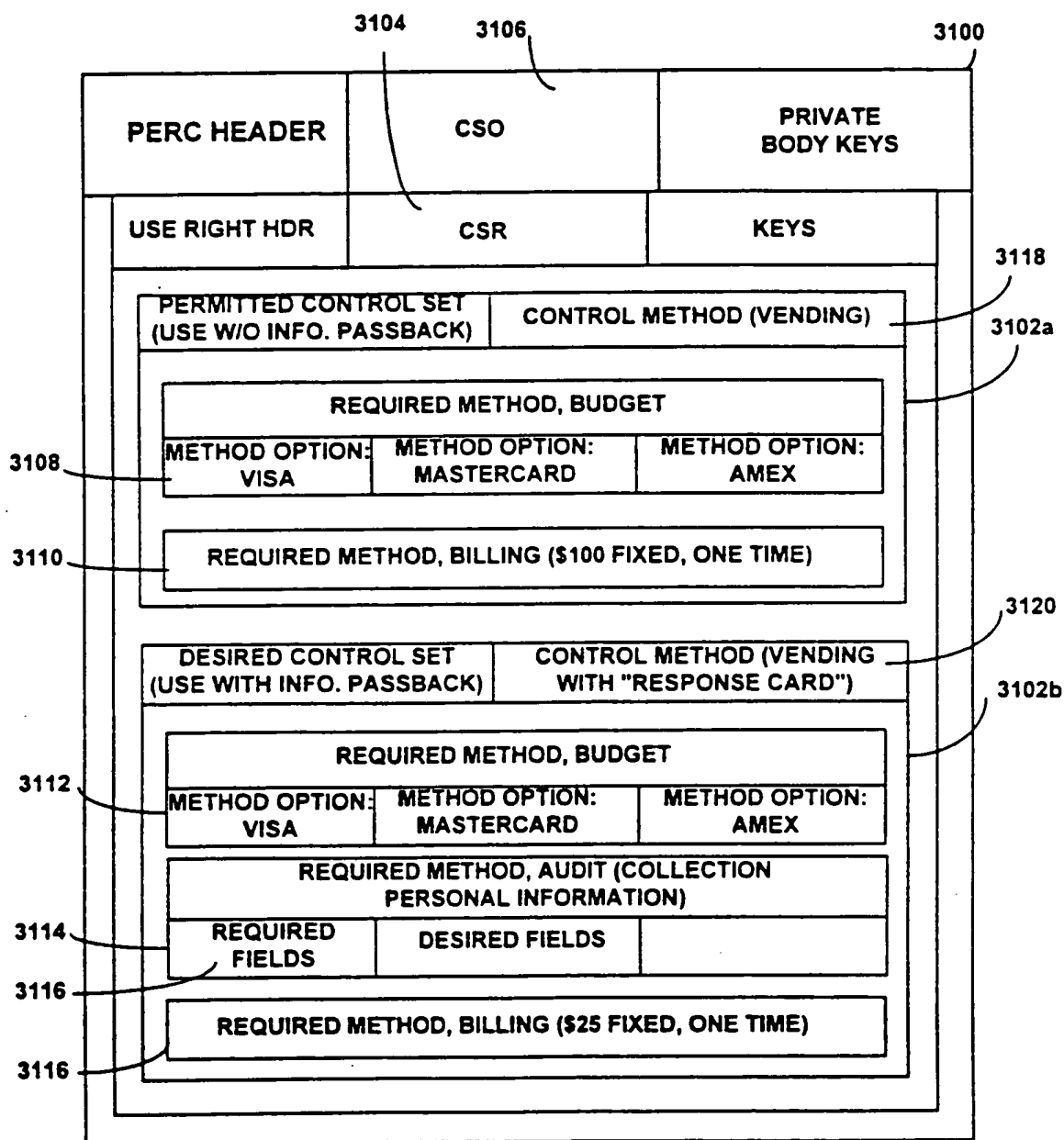


FIG. 75B

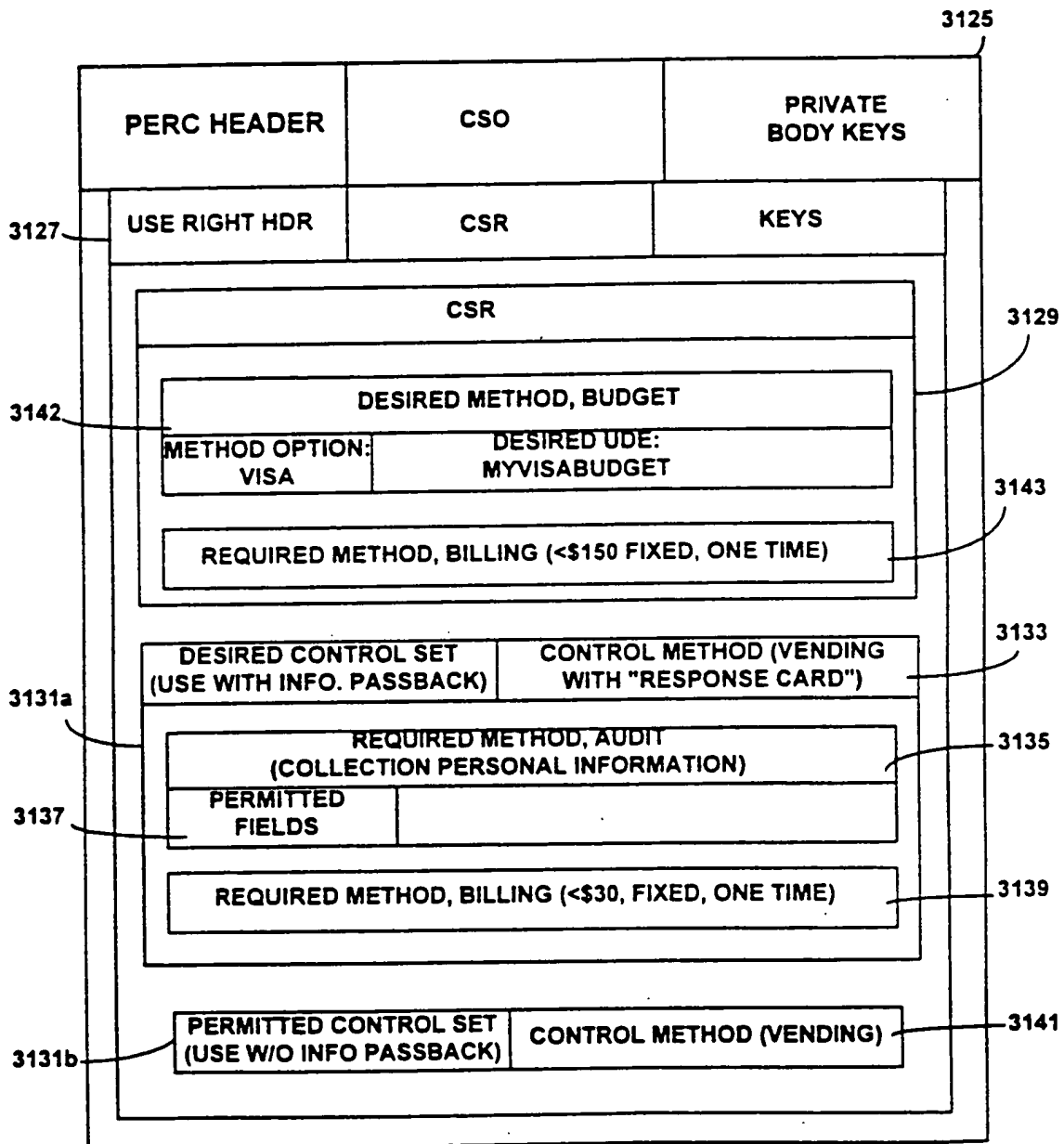


FIG. 75C

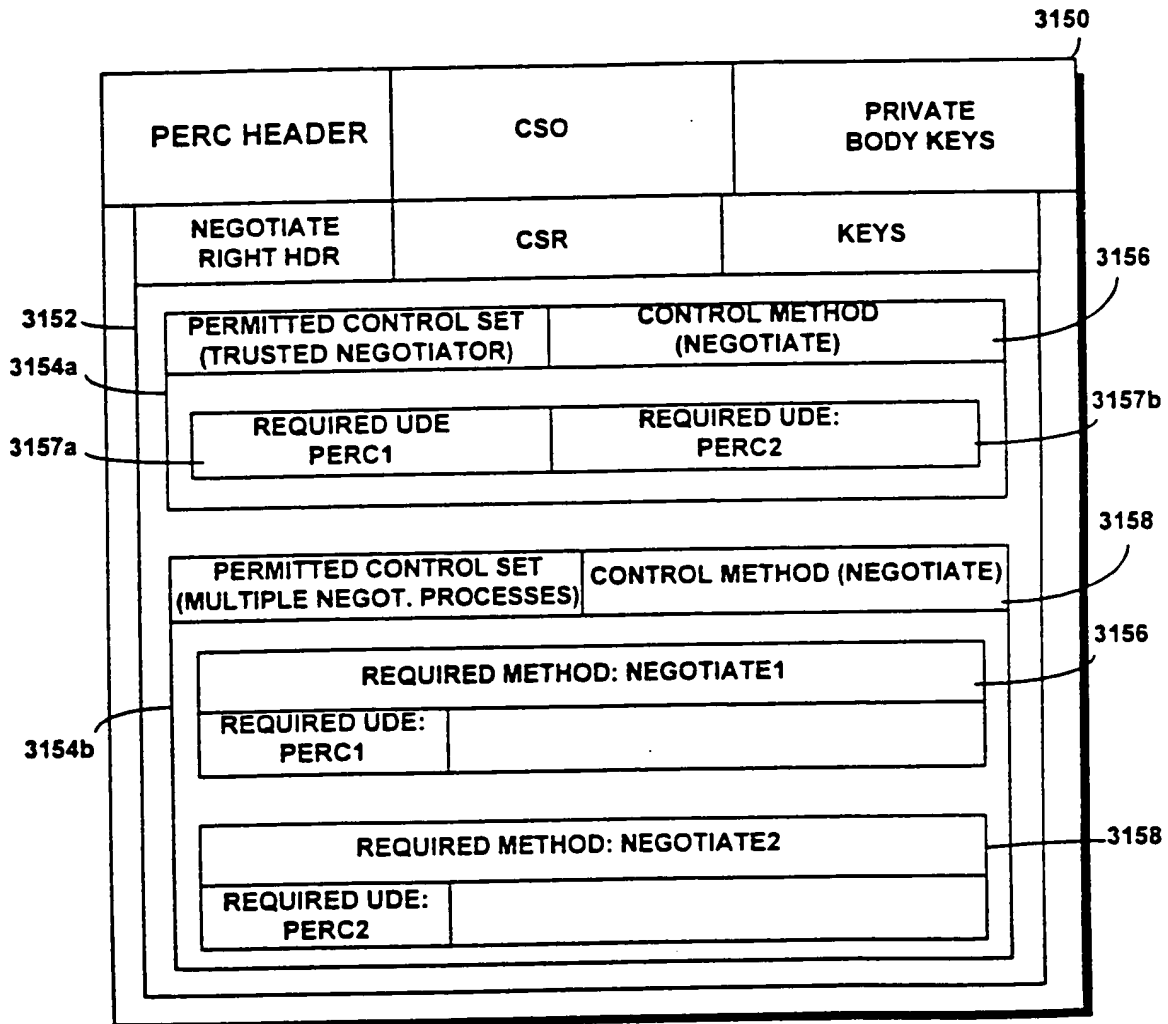
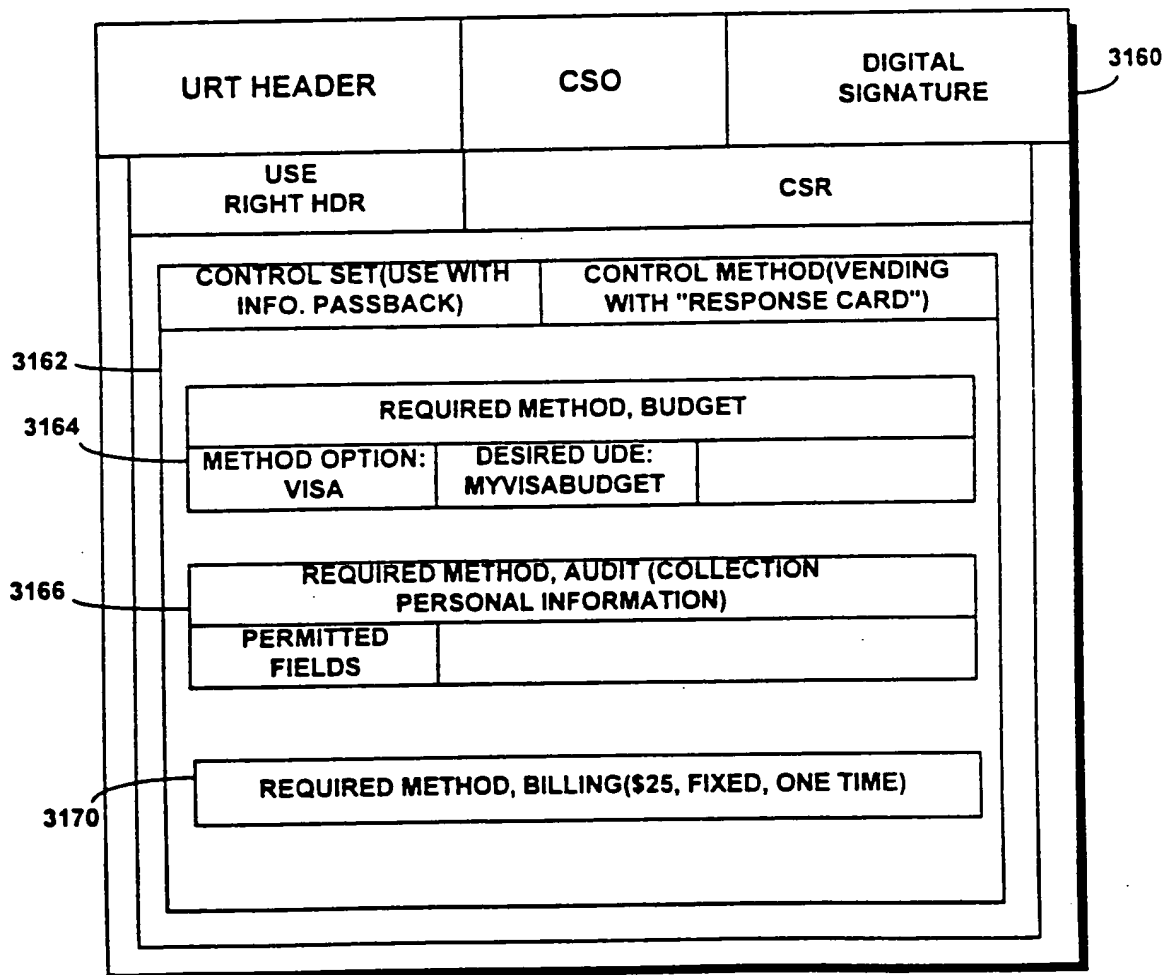
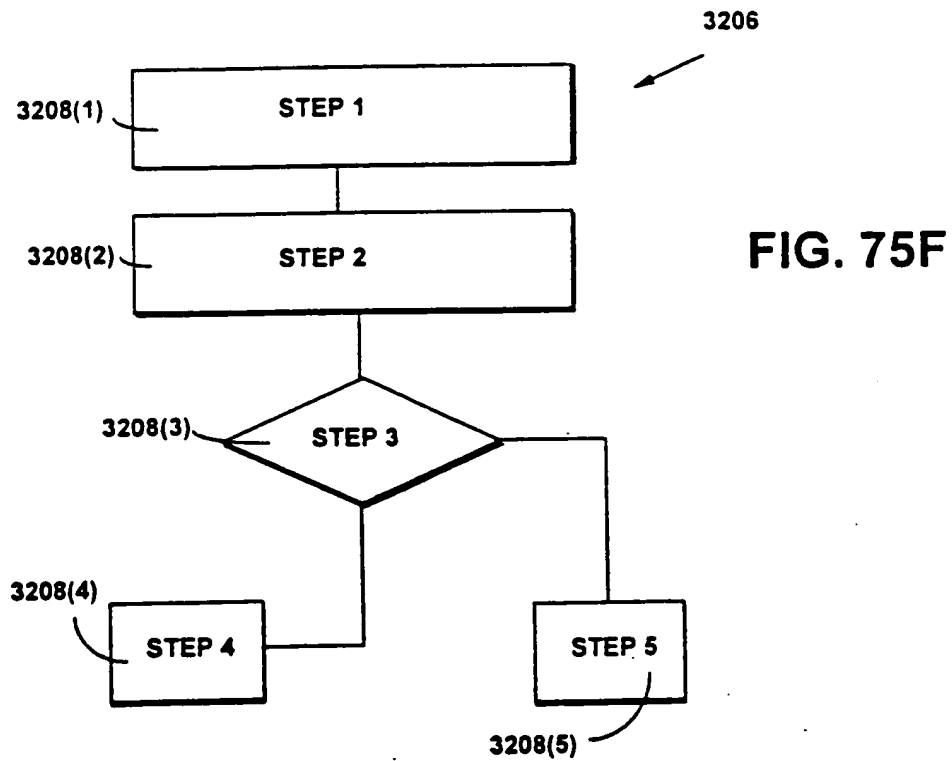
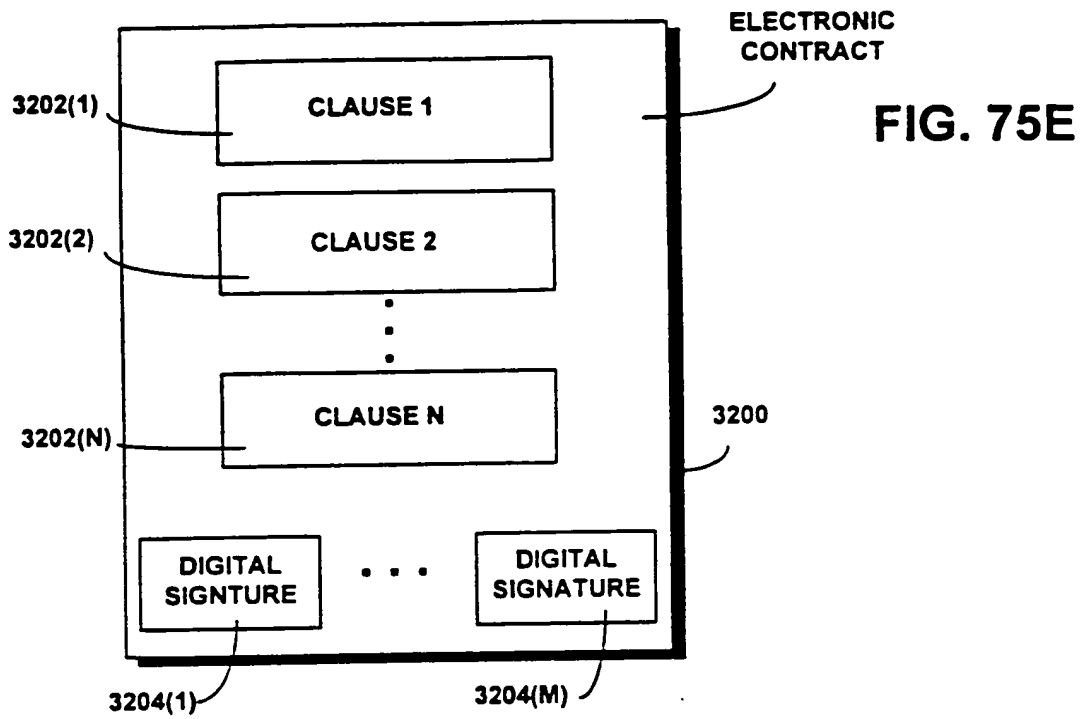


FIG. 75D



004030-1162960



004030-11622950

FIG. 76A

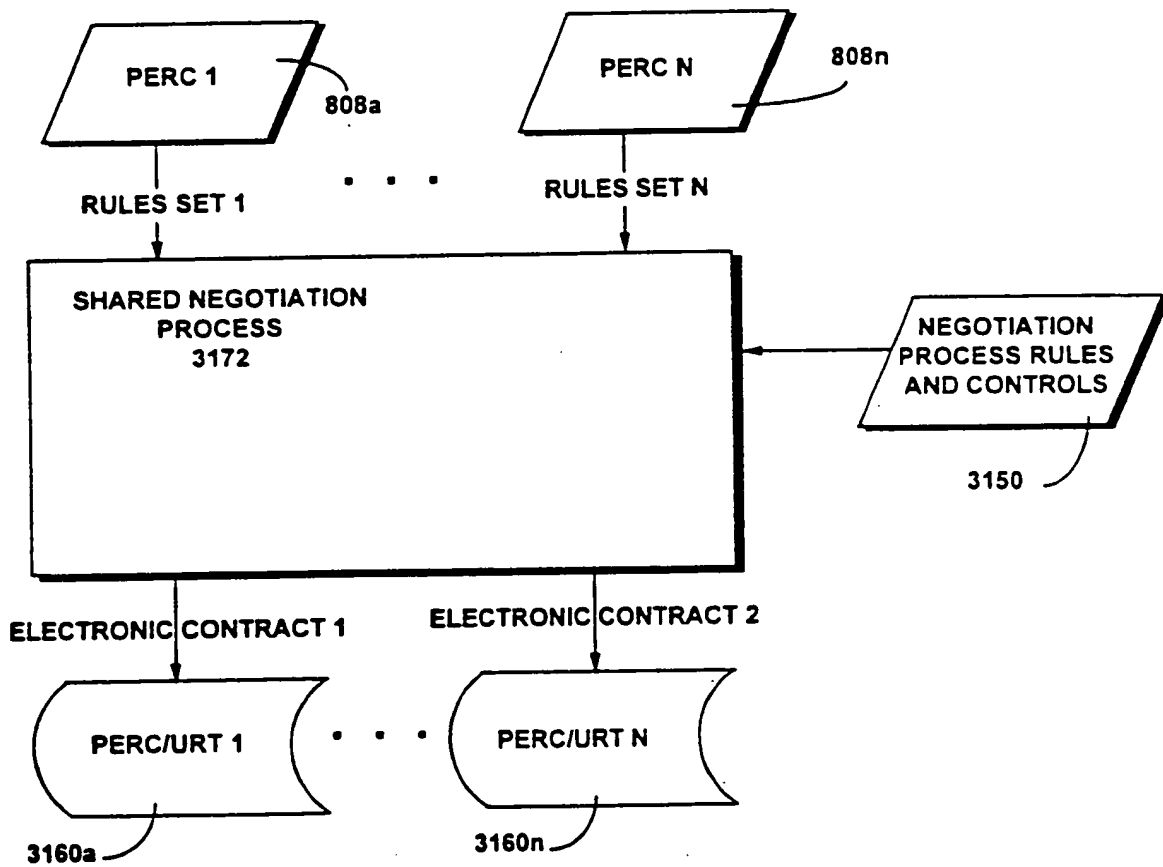
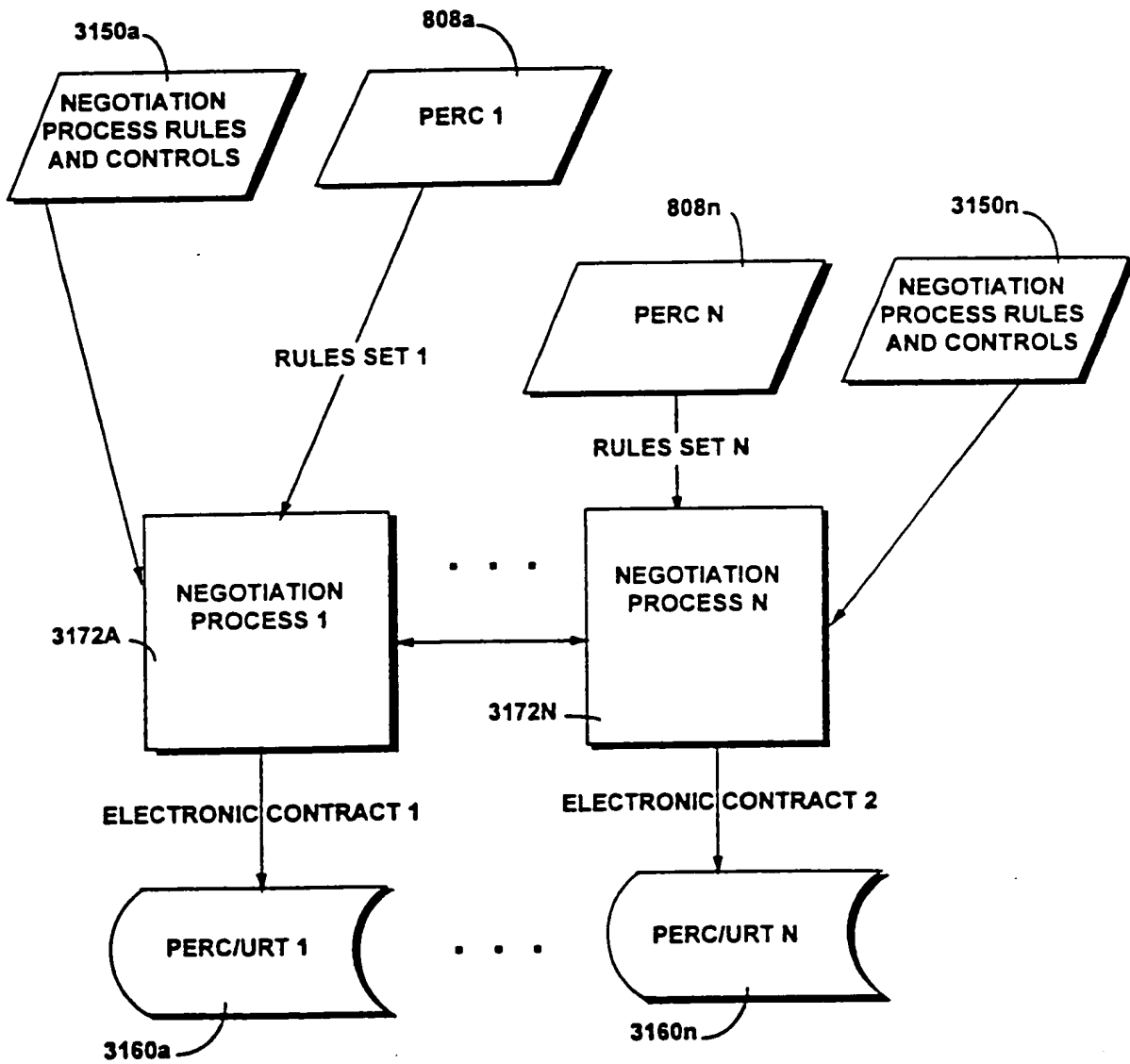
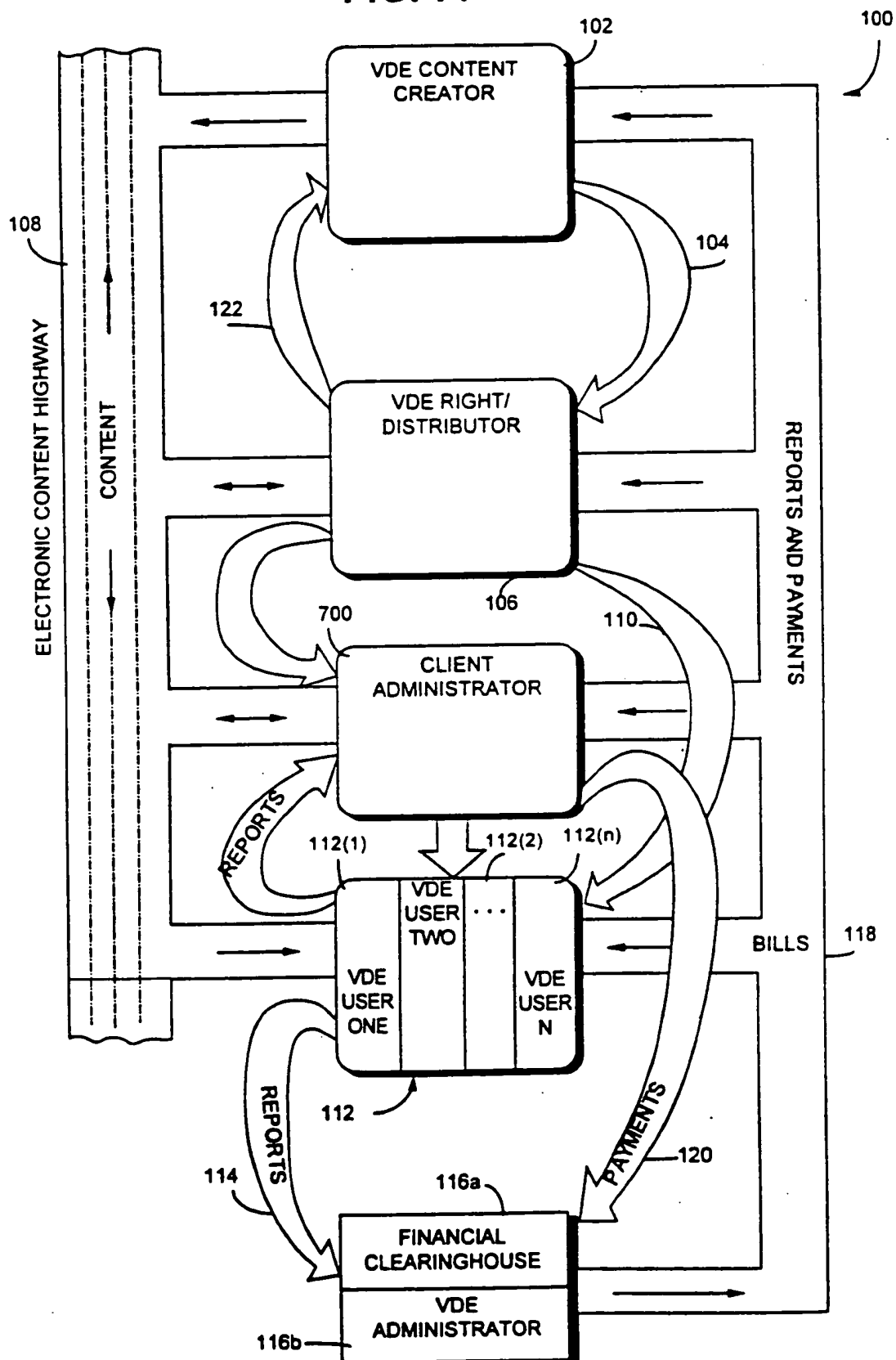


FIG. 76B





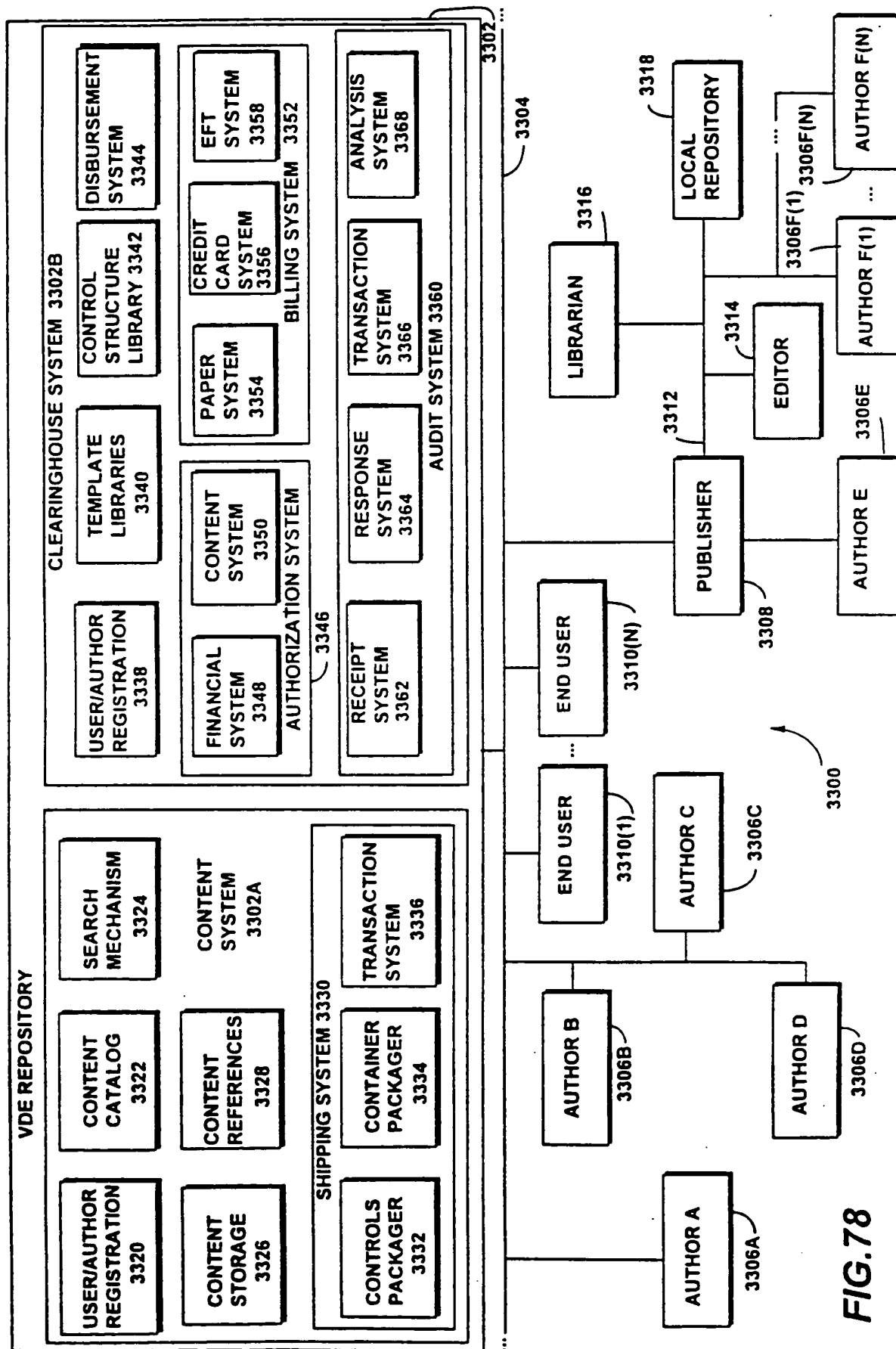
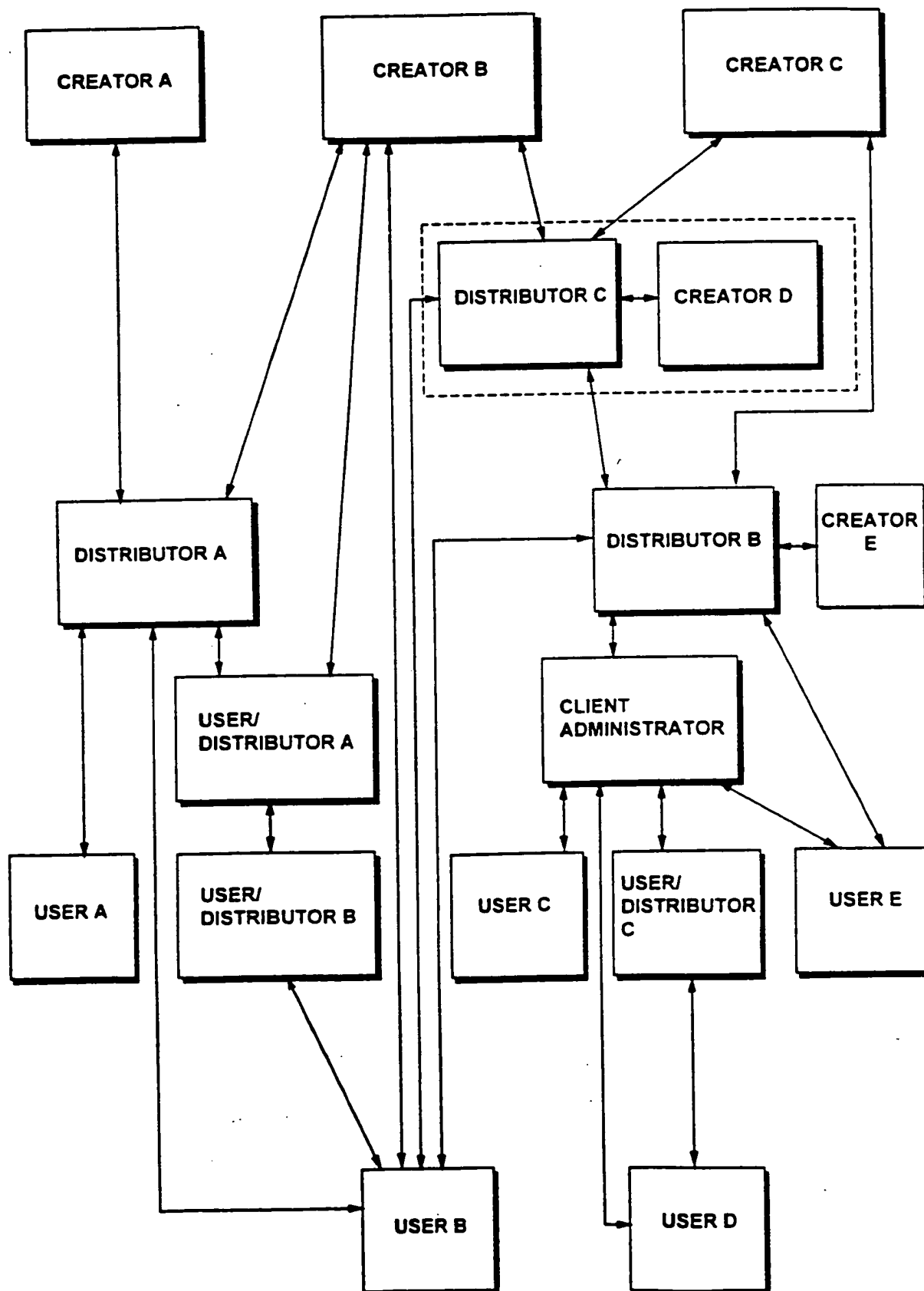
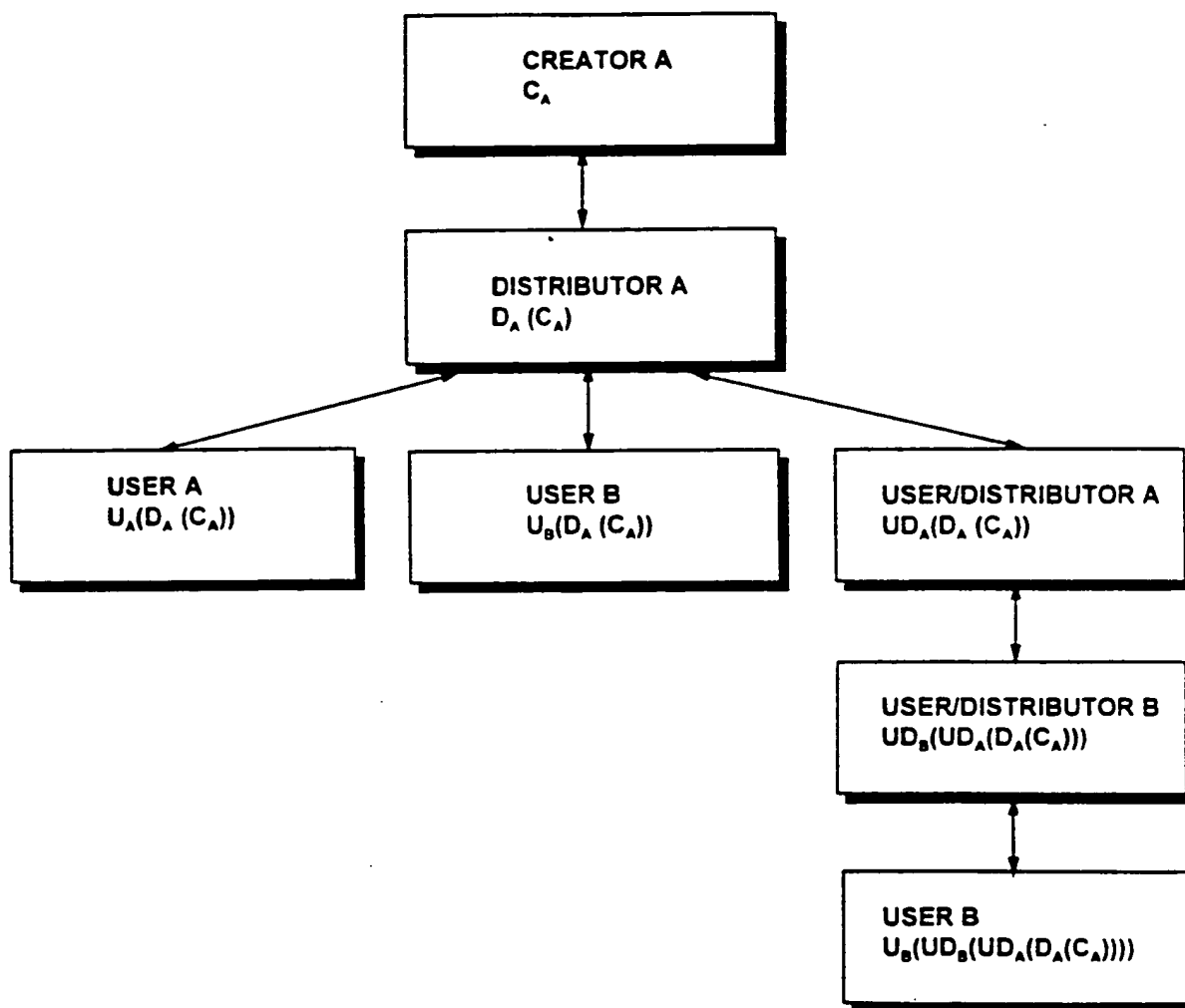


FIG. 78

FIG. 79





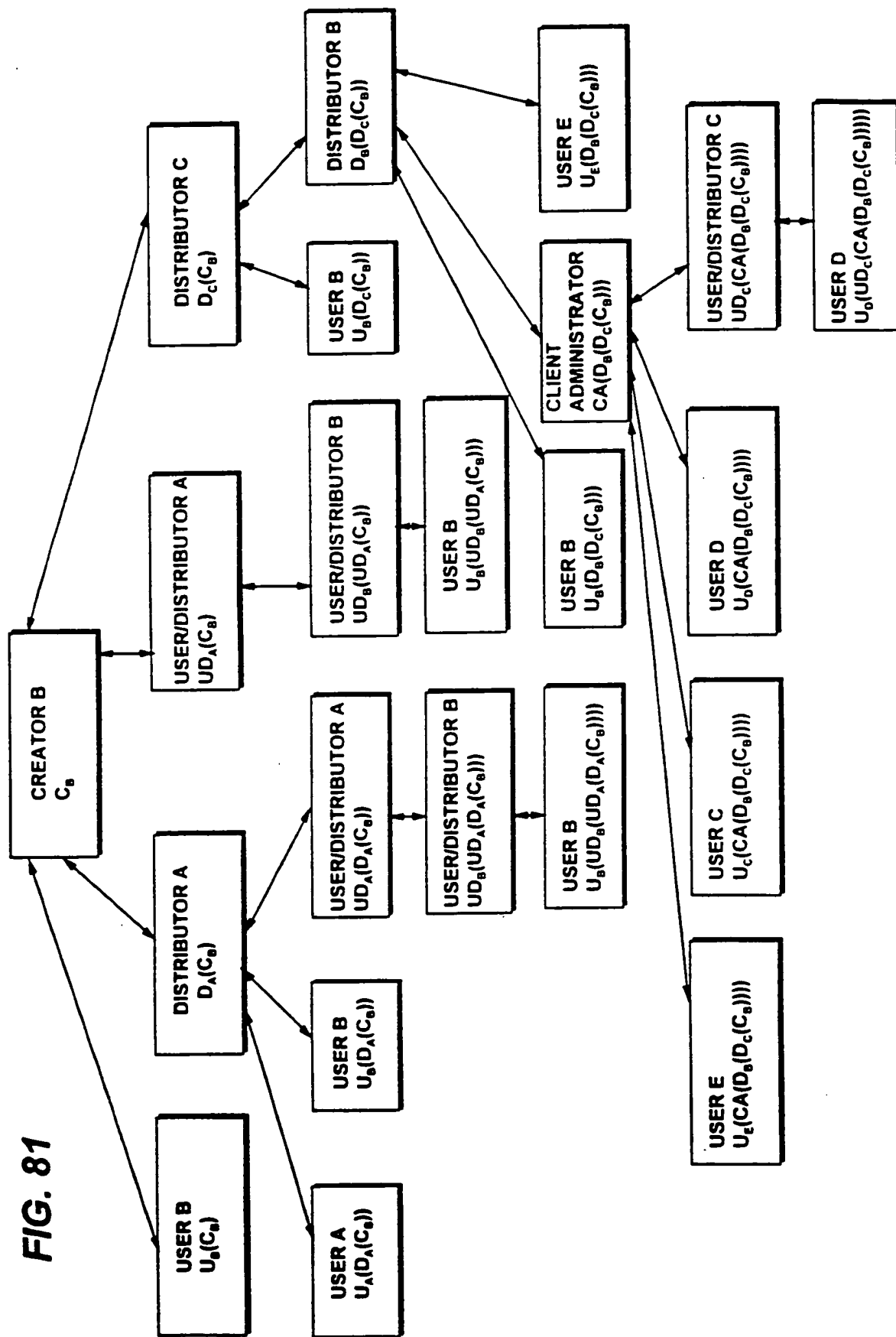


FIG. 82

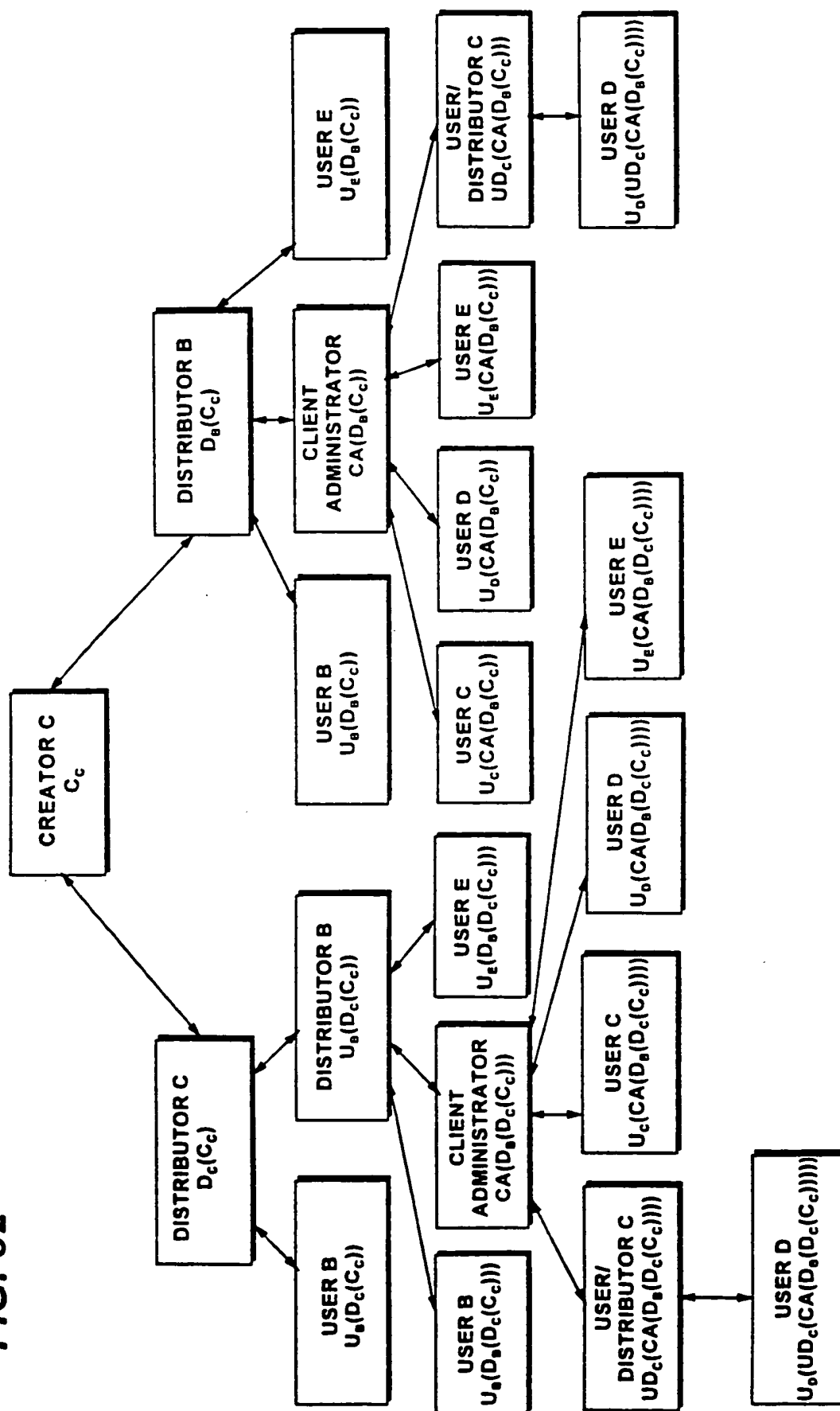
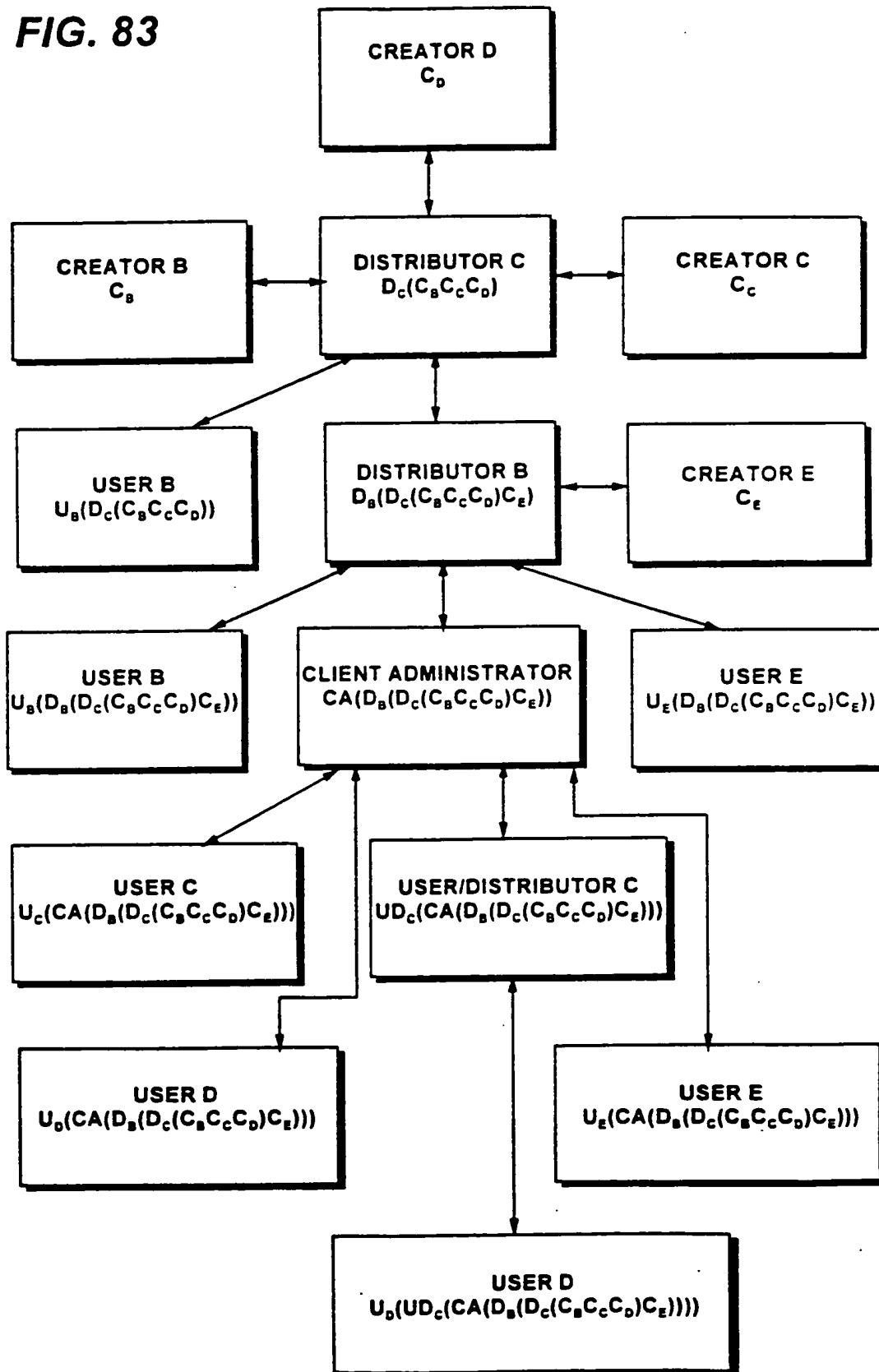


FIG. 83



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FIG. 85

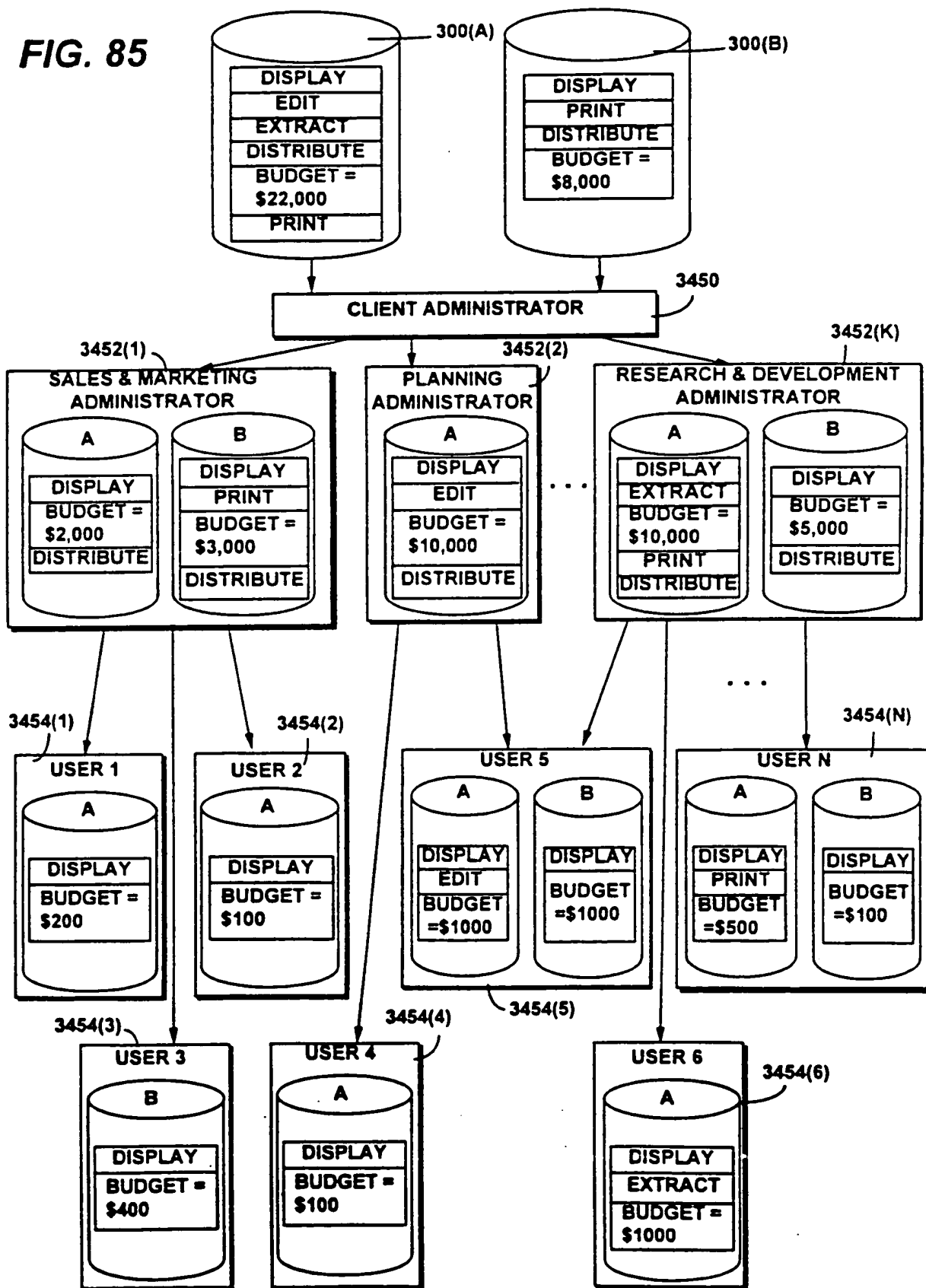


FIG. 86

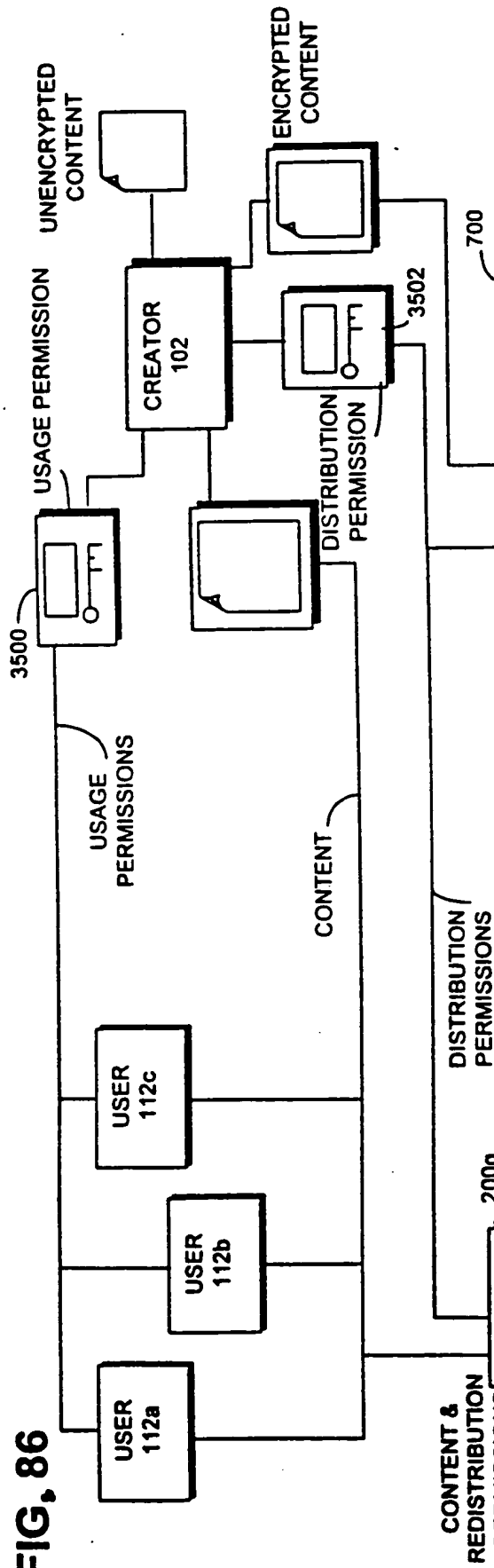
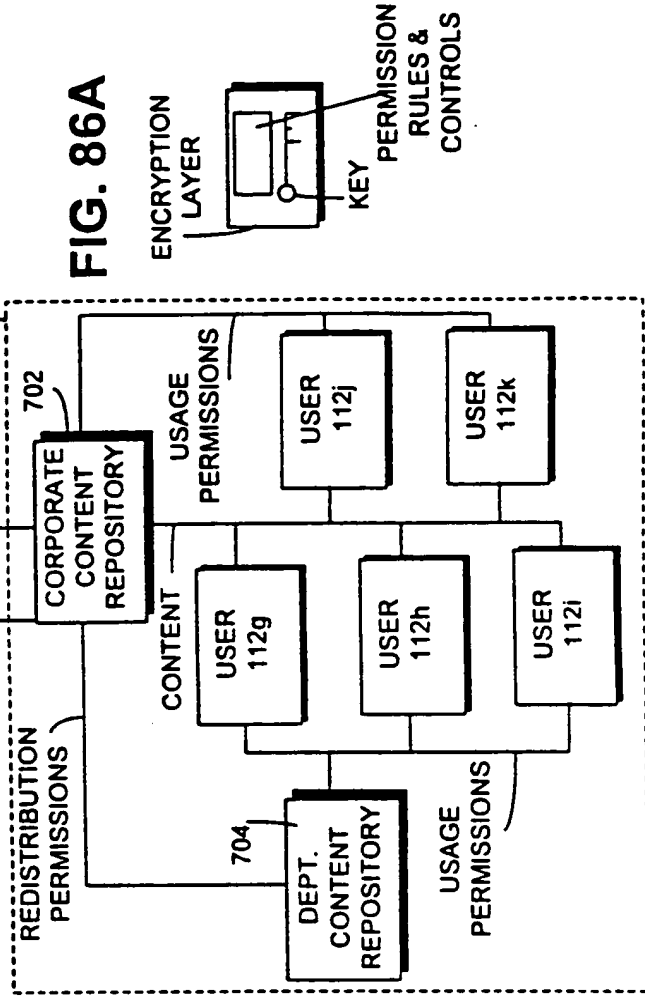


FIG. 86A



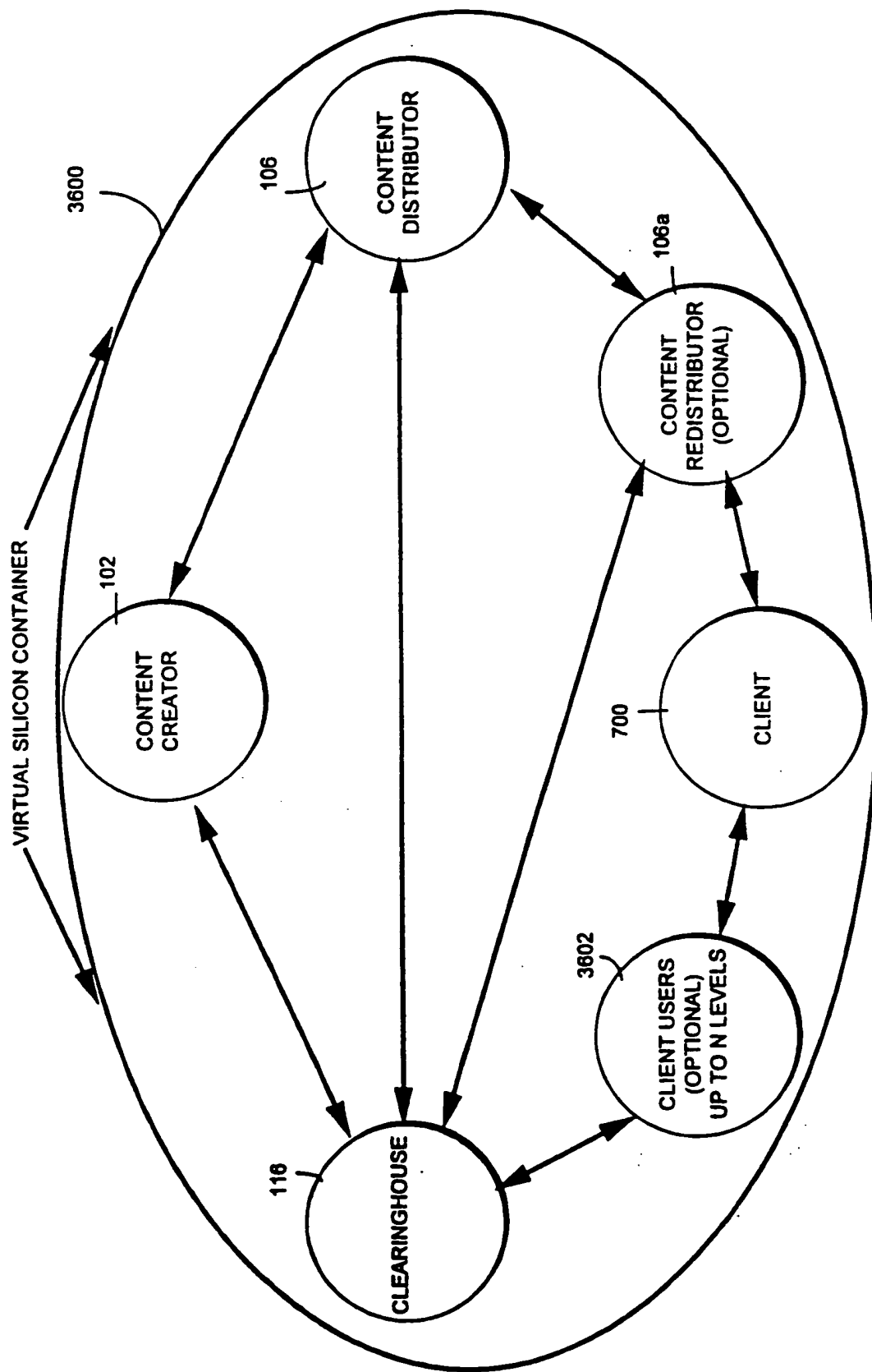


FIG. 87

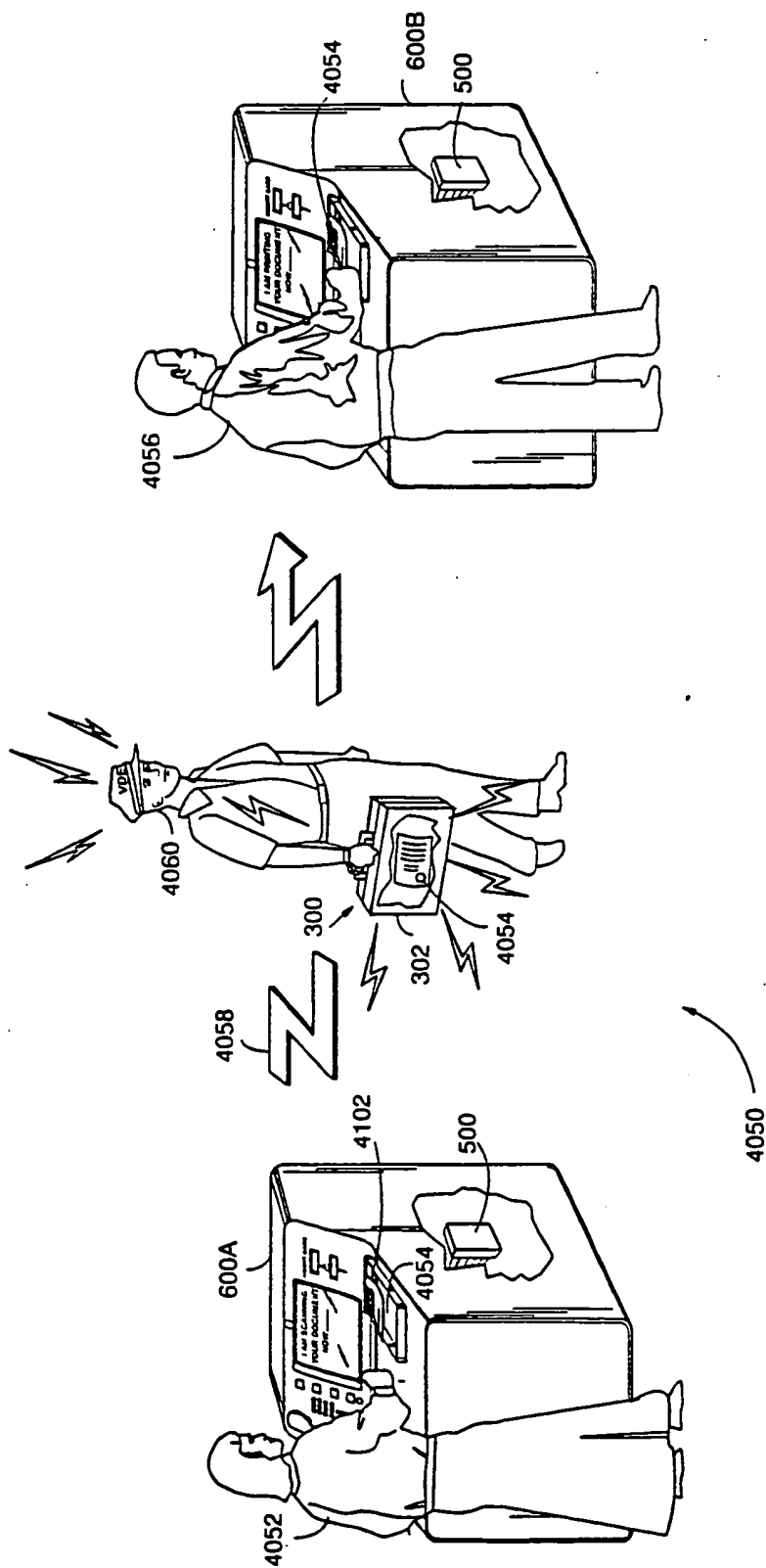


FIG. 88
TRUSTED ELECTRONIC DELIVERY

004080" 4462E960

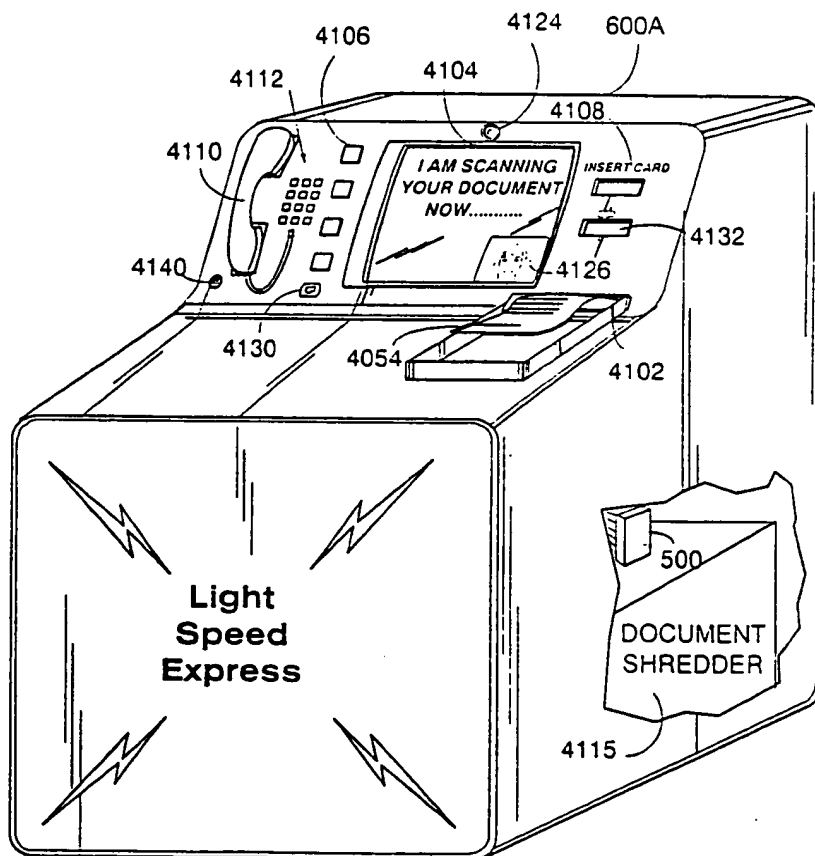


FIG. 89
EXAMPLE ELECTRONIC KIOSK APPLIANCE

004030" 1162E960

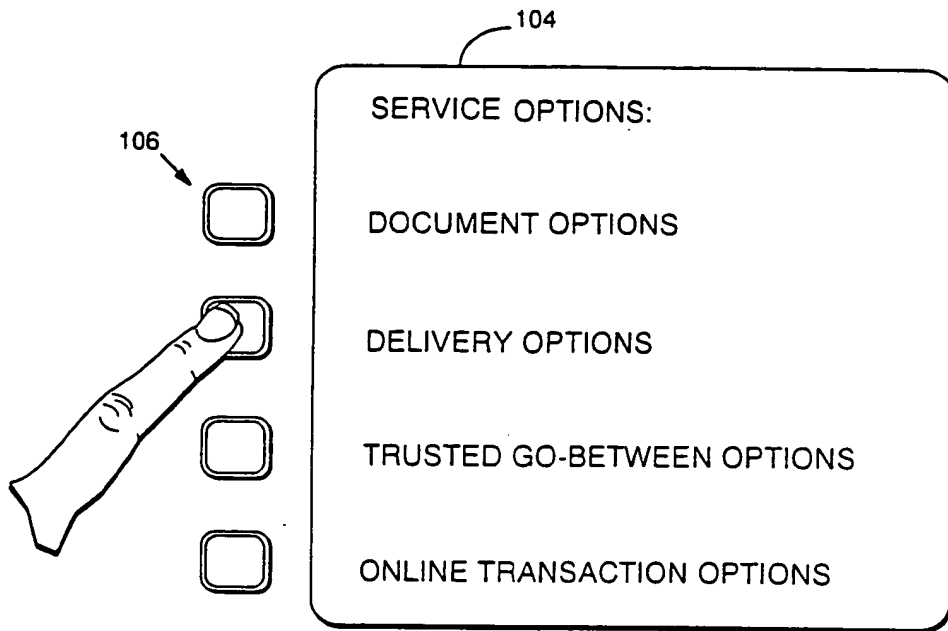


FIG. 90A EXAMPLE MENU OPTIONS

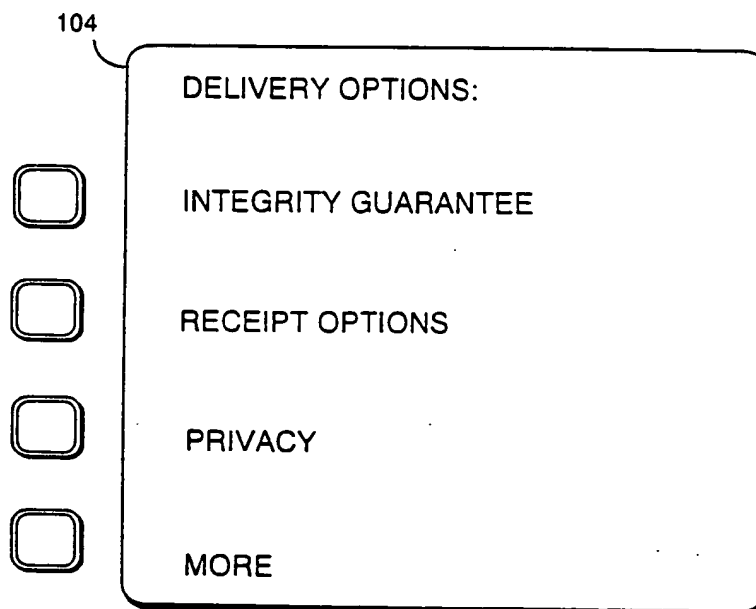


FIG. 90B EXAMPLE DELIVERY MENU OPTIONS

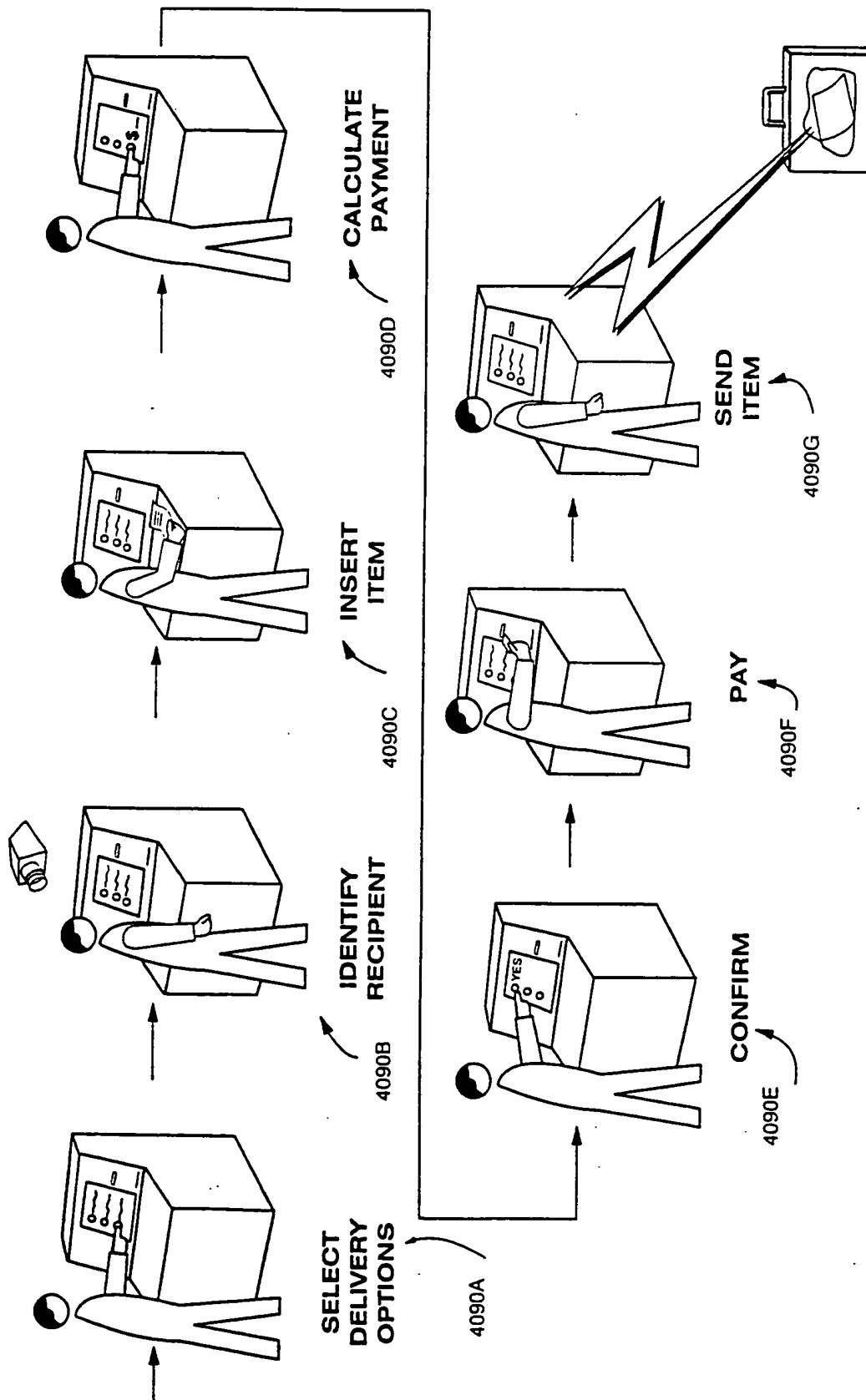


FIG. 91A EXAMPLE STEPS TO SEND AN ITEM

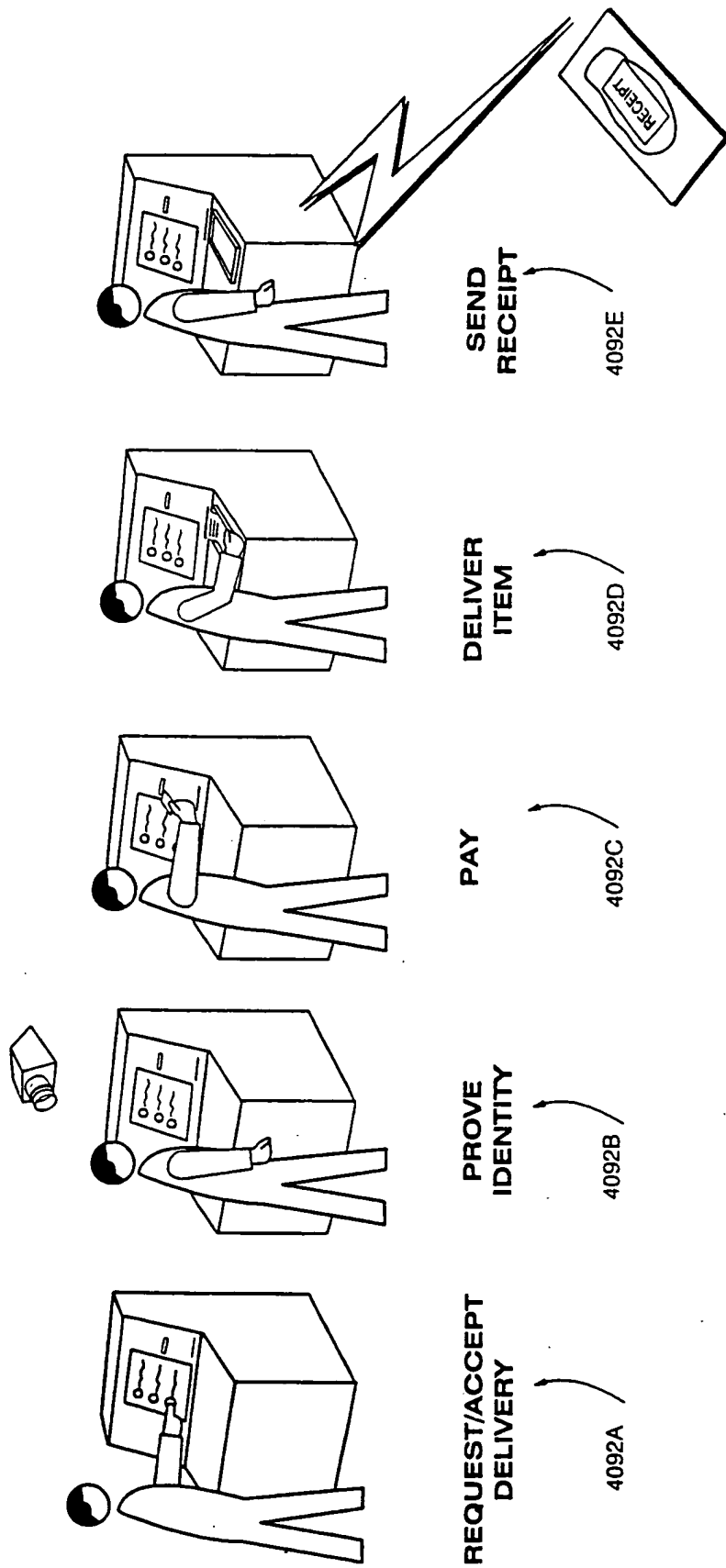


FIG. 91B EXAMPLE STEPS TO RECEIVE ITEM

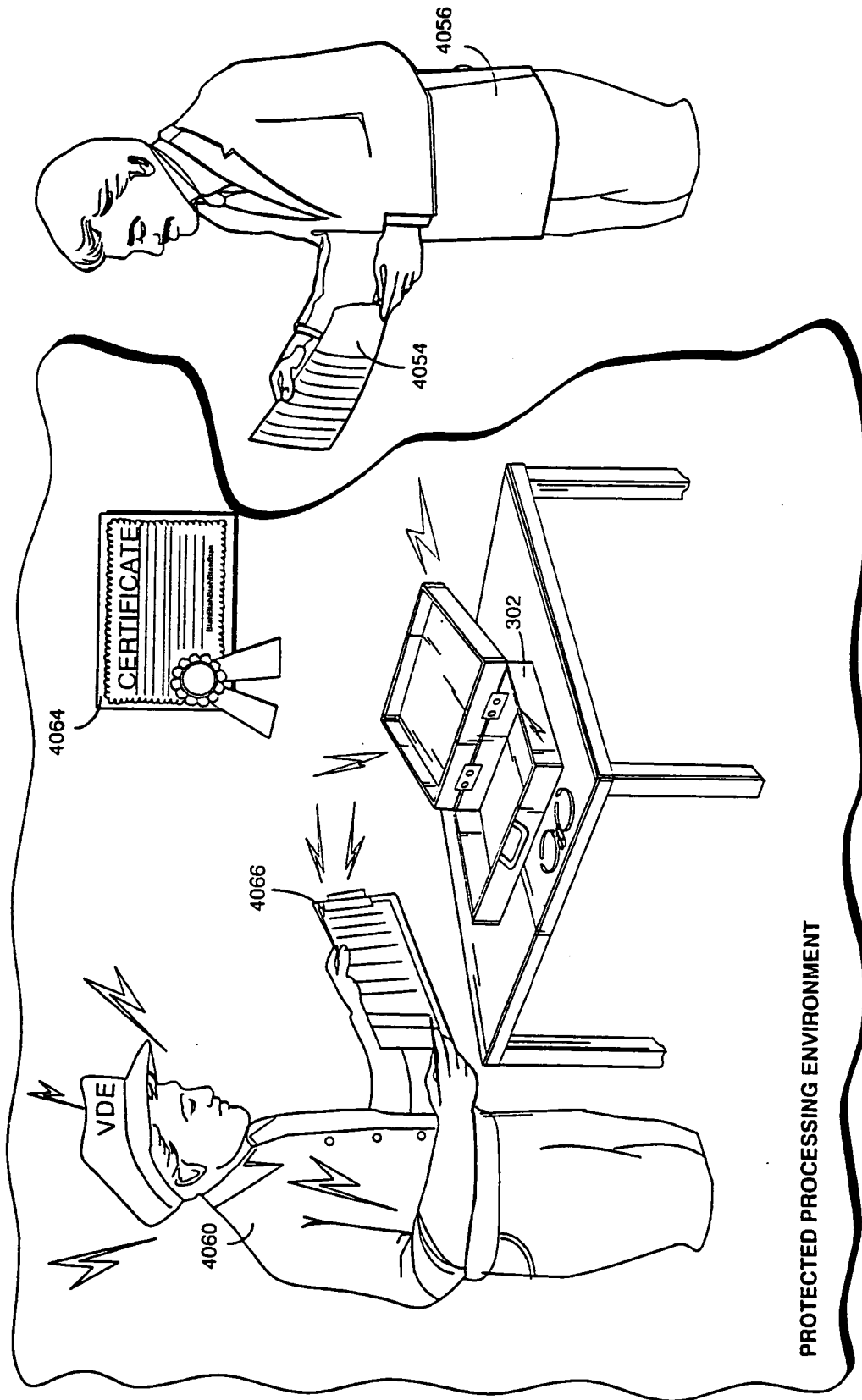


FIG. 92 TRUSTED DIGITAL DELIVERY CAN
PROVIDE SECURE RECEIPTS

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RECEIPT

DOCUMENT NO 78775

DELIVERED TO

VICTOR SHEAR OF

INTERTRUST TECHNOLOGIES

CORP. ON

MONDAY 2/13/95

5:20 PM PDST

OPENED BY

VICTOR SHEAR OF

INTERTRUST TECHNOLOGIES

CORP. ON

MONDAY 2/13/95

6:15 PM PDST



4066

FIG. 92A
EXAMPLE DELIVERY RECEIPT

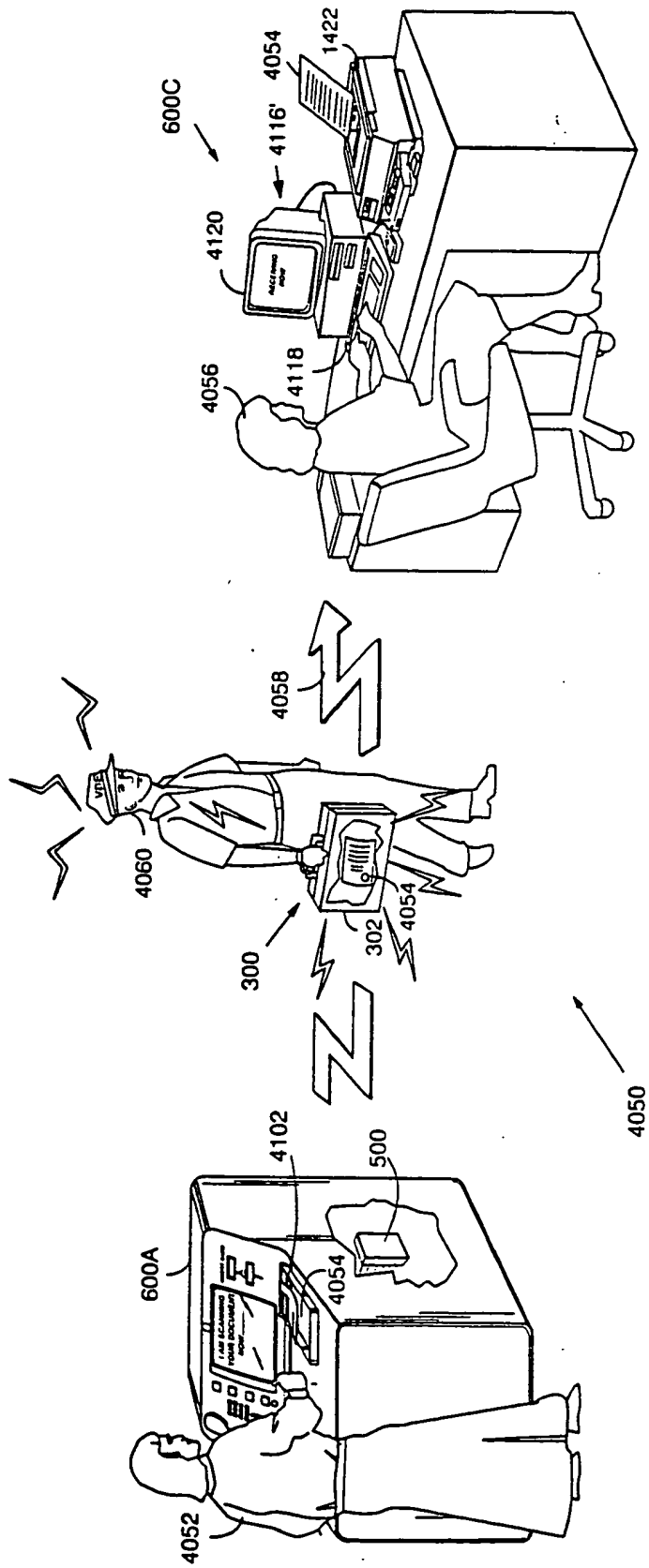


FIG. 93

TRUSTED DELIVERY OF SCANNED DOCUMENT

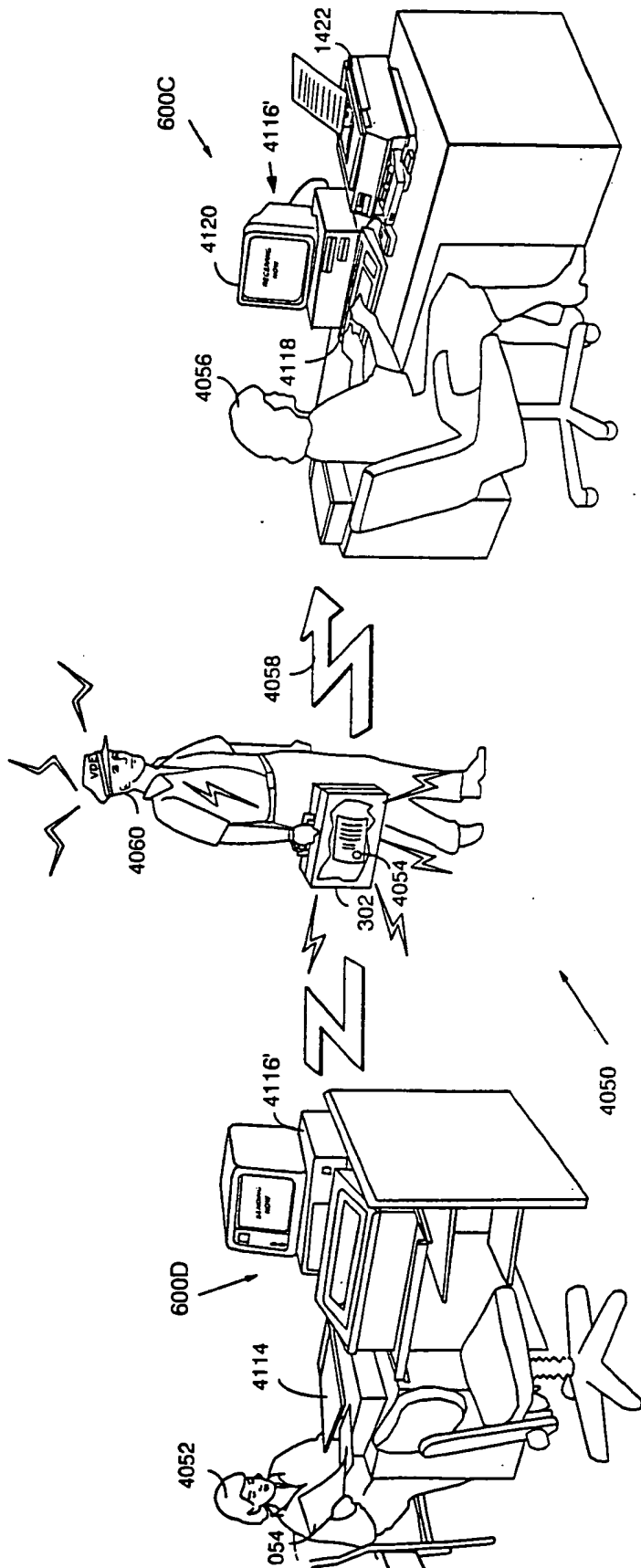


FIG. 94

TRUSTED DELIVERY OF SCANNED DOCUMENT

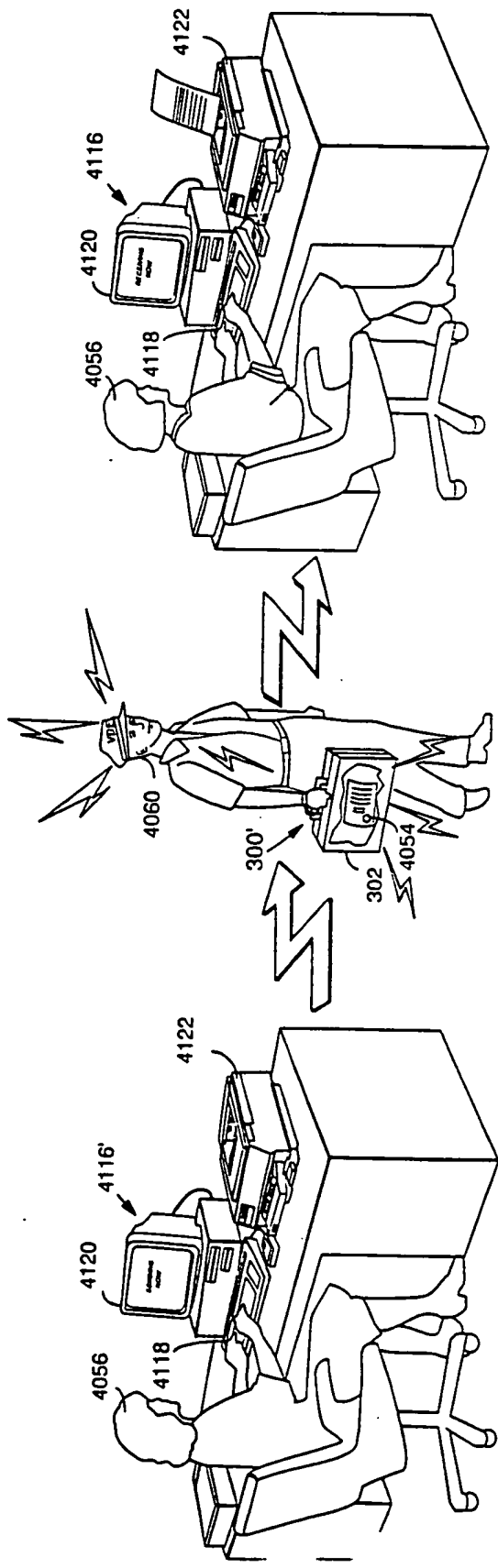


FIG. 95
TRUSTED ELECTRONIC DATA DELIVERY

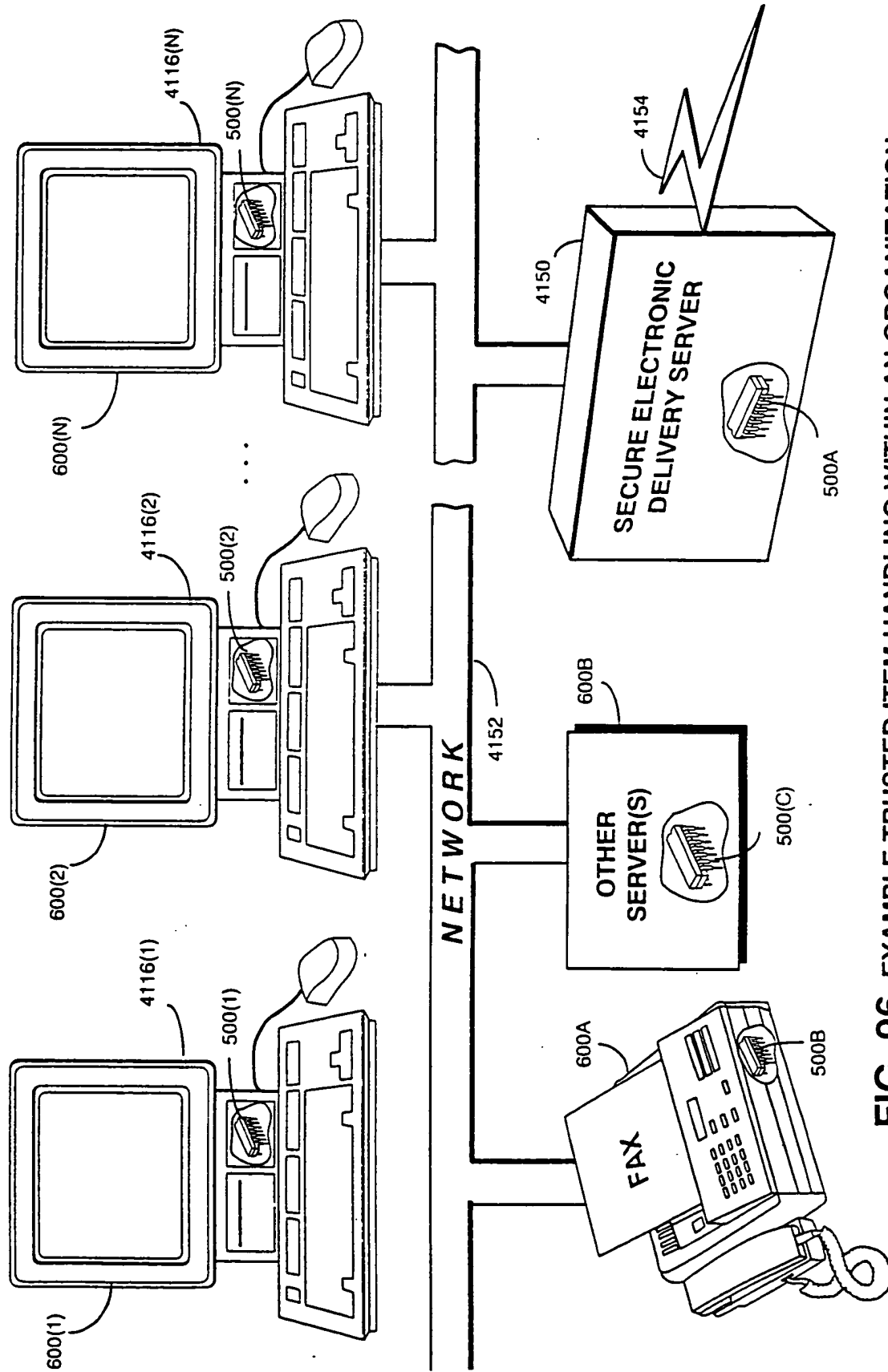


FIG. 96 EXAMPLE TRUSTED ITEM HANDLING WITHIN AN ORGANIZATION

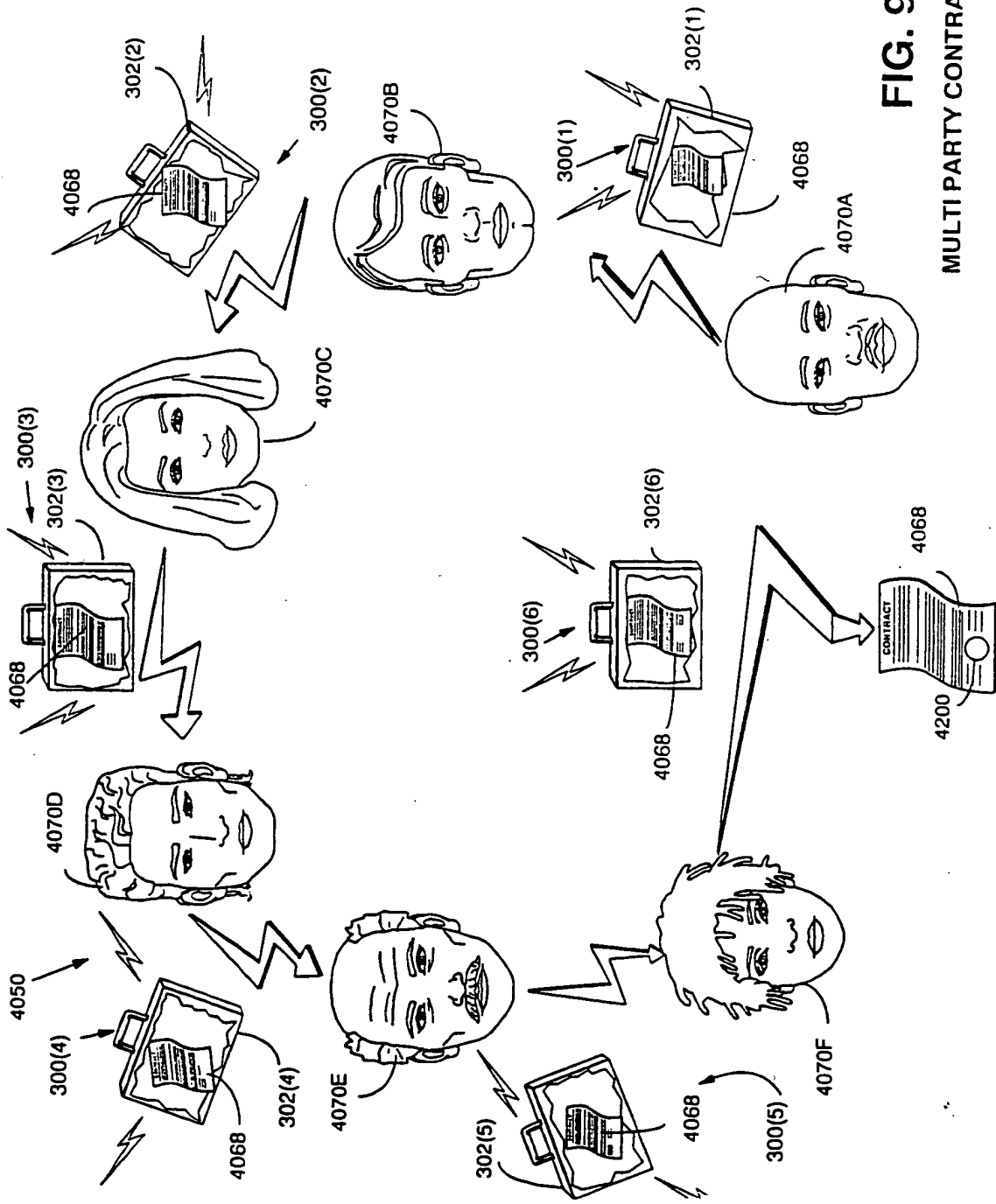


FIG. 98

MULTI PARTY CONTRACT EXECUTION

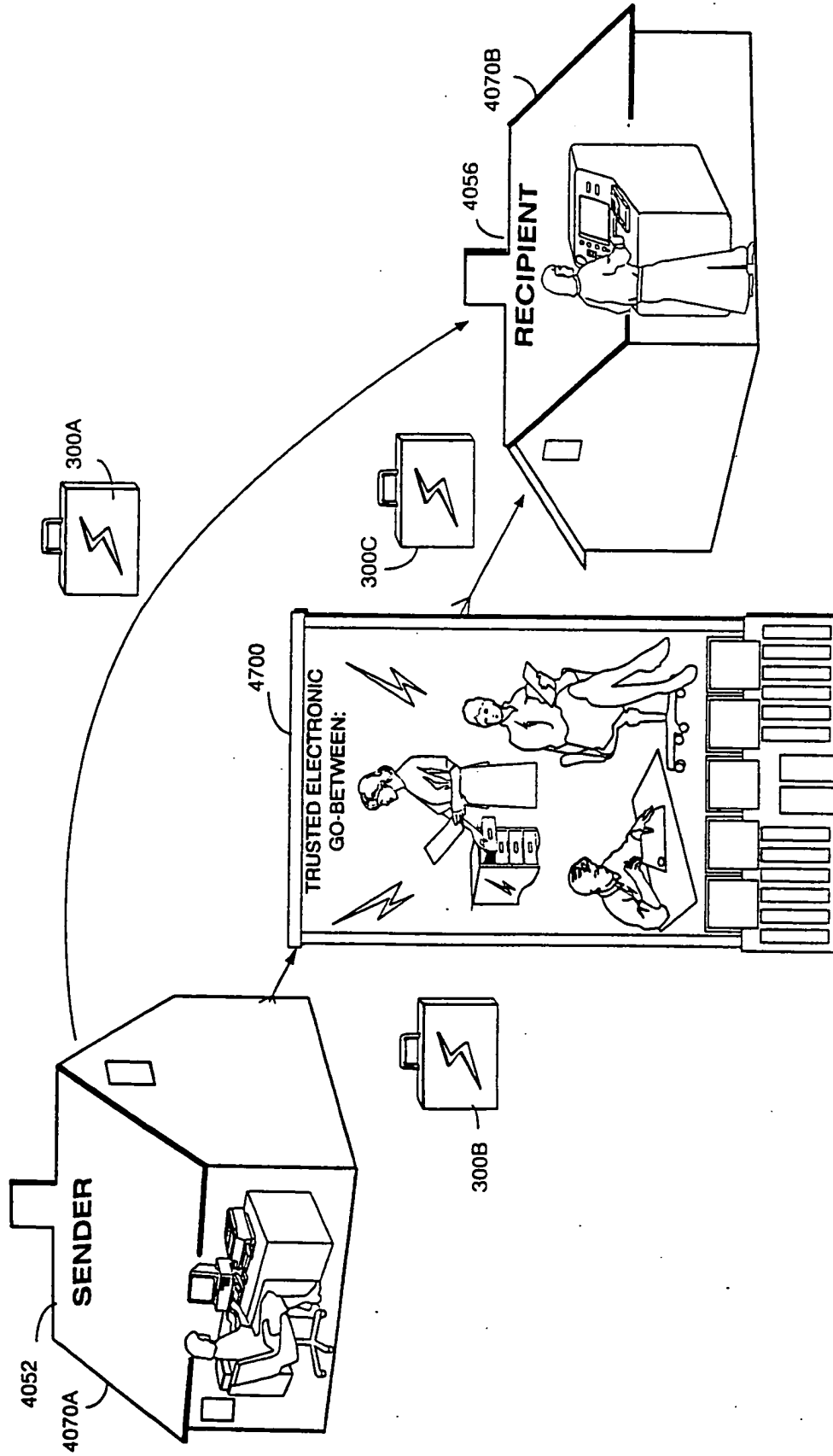


FIG. 99 TRUSTED ELECTRONIC GO-BETWEEN

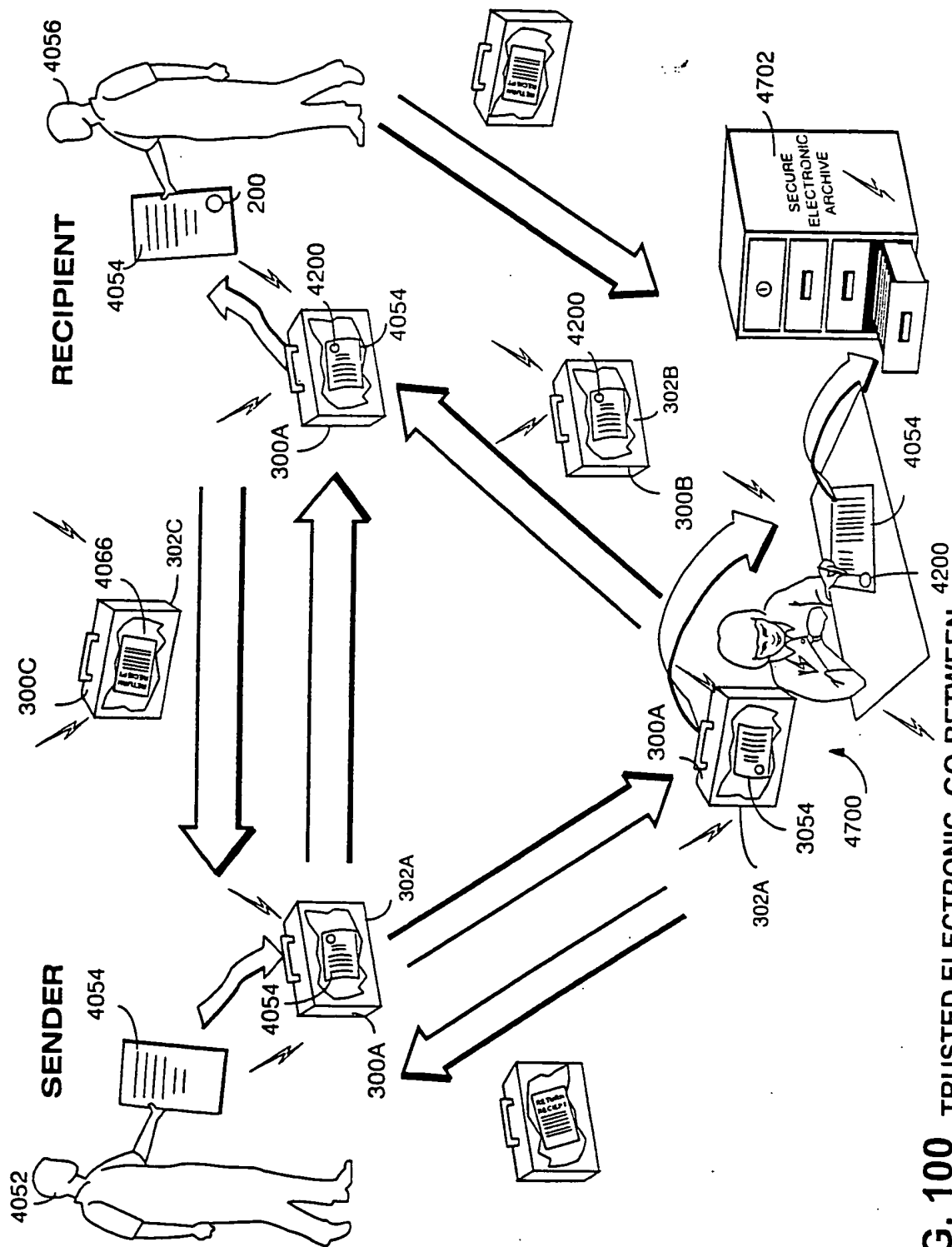


FIG. 100 TRUSTED ELECTRONIC GO-BETWEEN

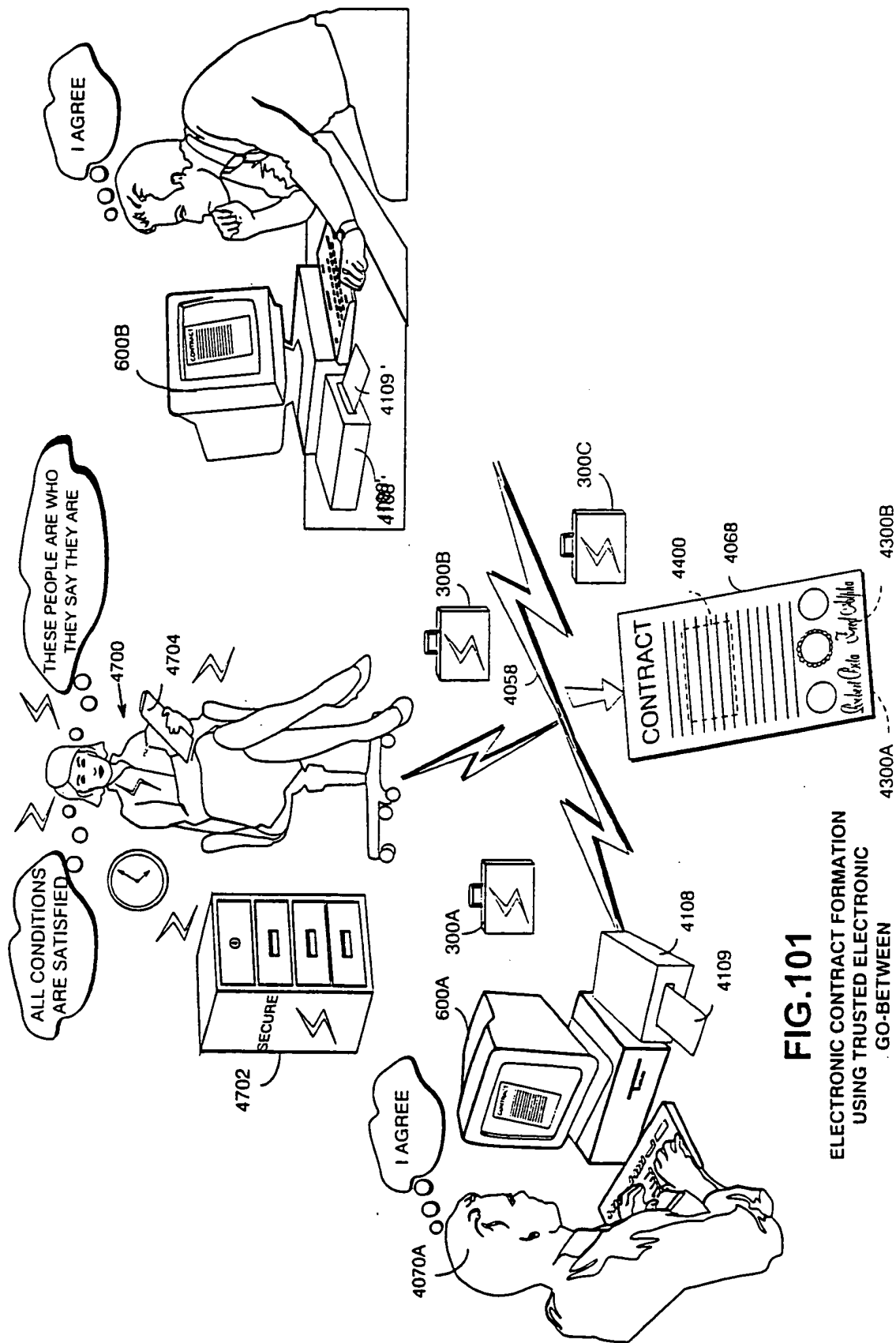


FIG.101

ELECTRONIC CONTRACT FORMATION
USING TRUSTED ELECTRONIC
GO-BETWEEN

4704

CONDITIONS :

- ☒ EACH PARTY HAS READ THE CONTRACT
- ☒ ALL THE ATTACHMENTS ARE PRESENT
- ☒ PARTY A WILLING TO SIGN
- ☒ PARTY B WILLING TO SIGN
- ☐ PARTY A MUST SIGN
- ☐ PARTY B MUST SIGN

FIG. 101A EXAMPLE REQUIREMENTS LISTS

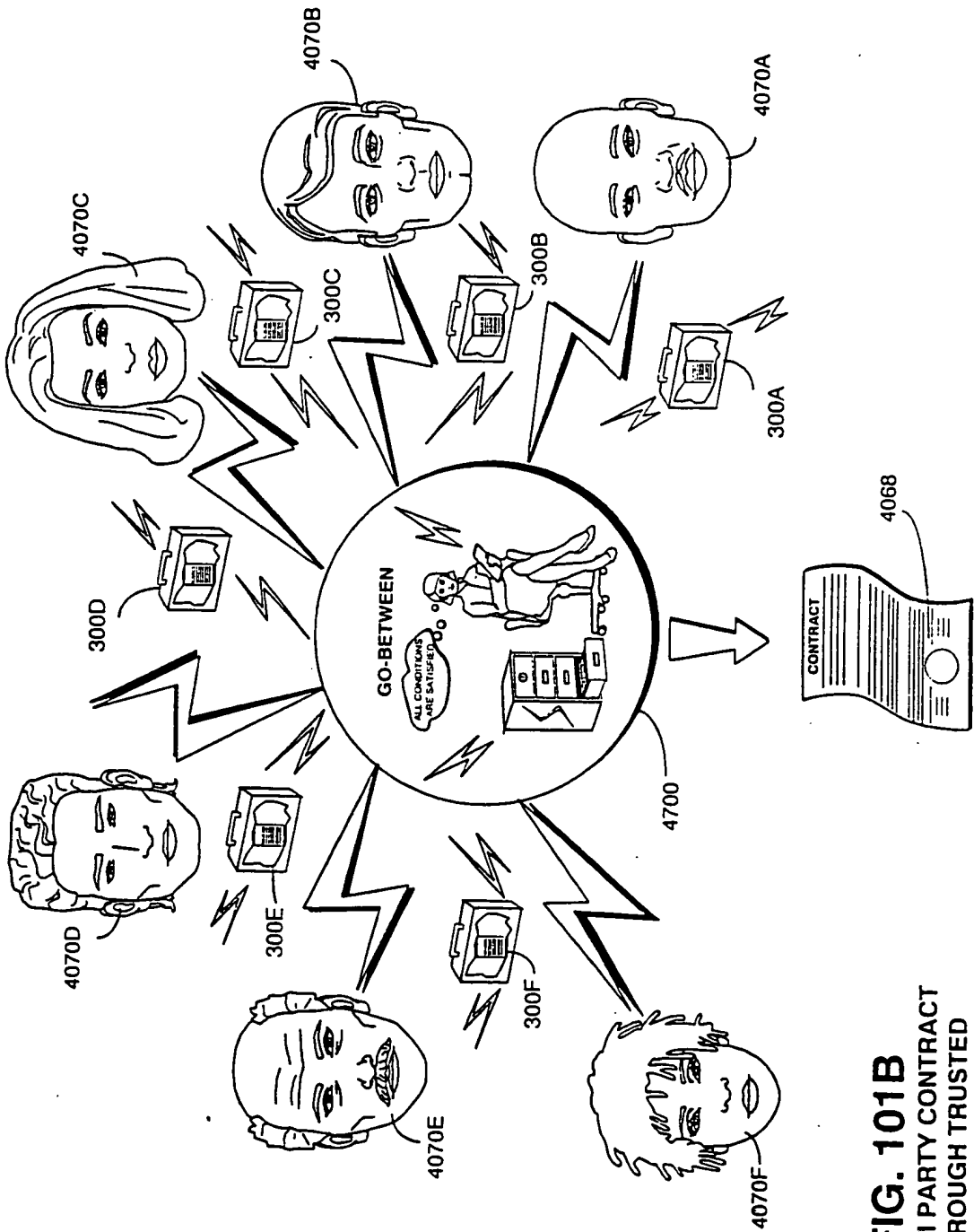


FIG. 101B
MULTI PARTY CONTRACT
THROUGH TRUSTED
GO - BETWEEN

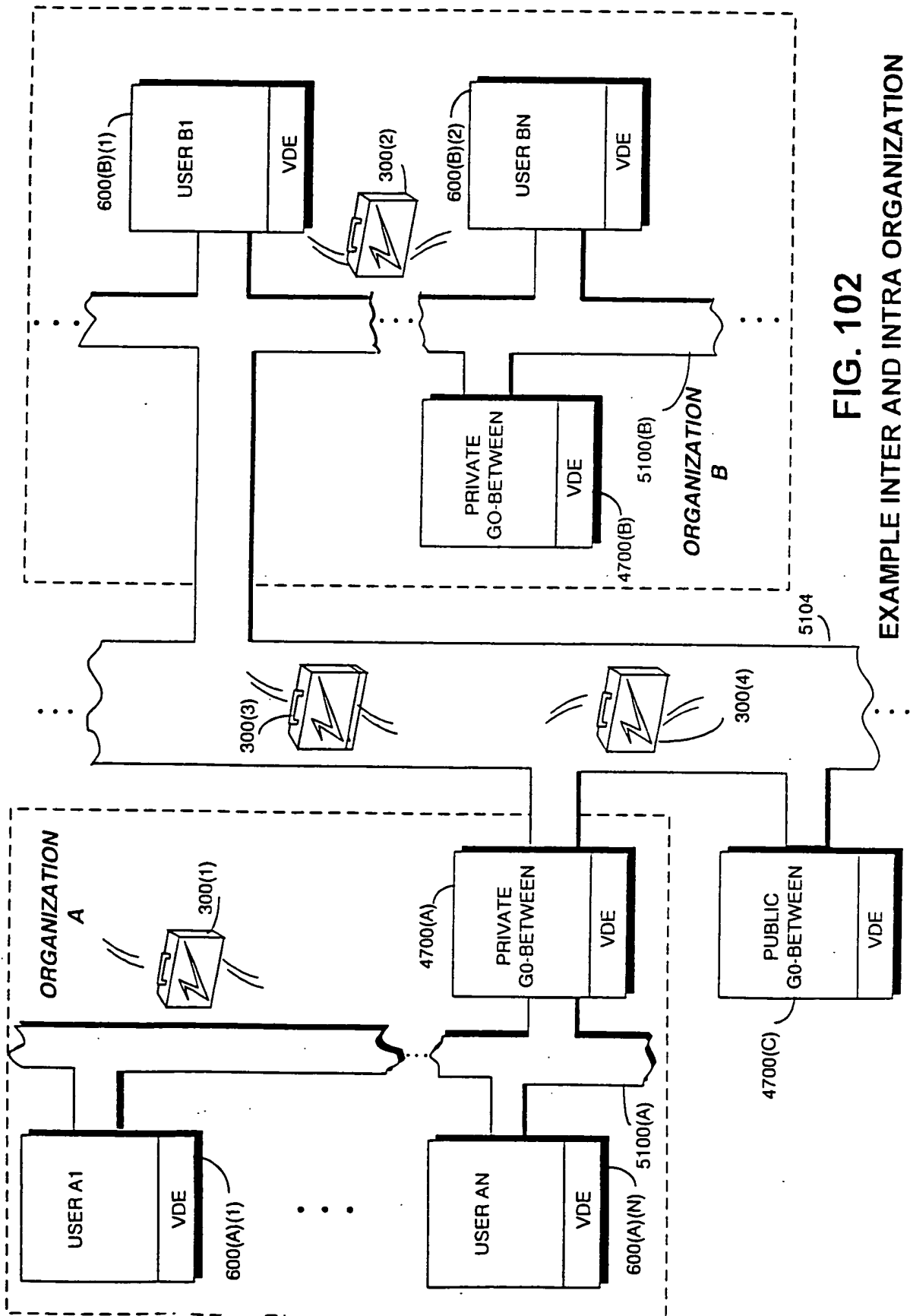


FIG. 102

EXAMPLE INTER AND INTRA ORGANIZATION

004030" 17152E960

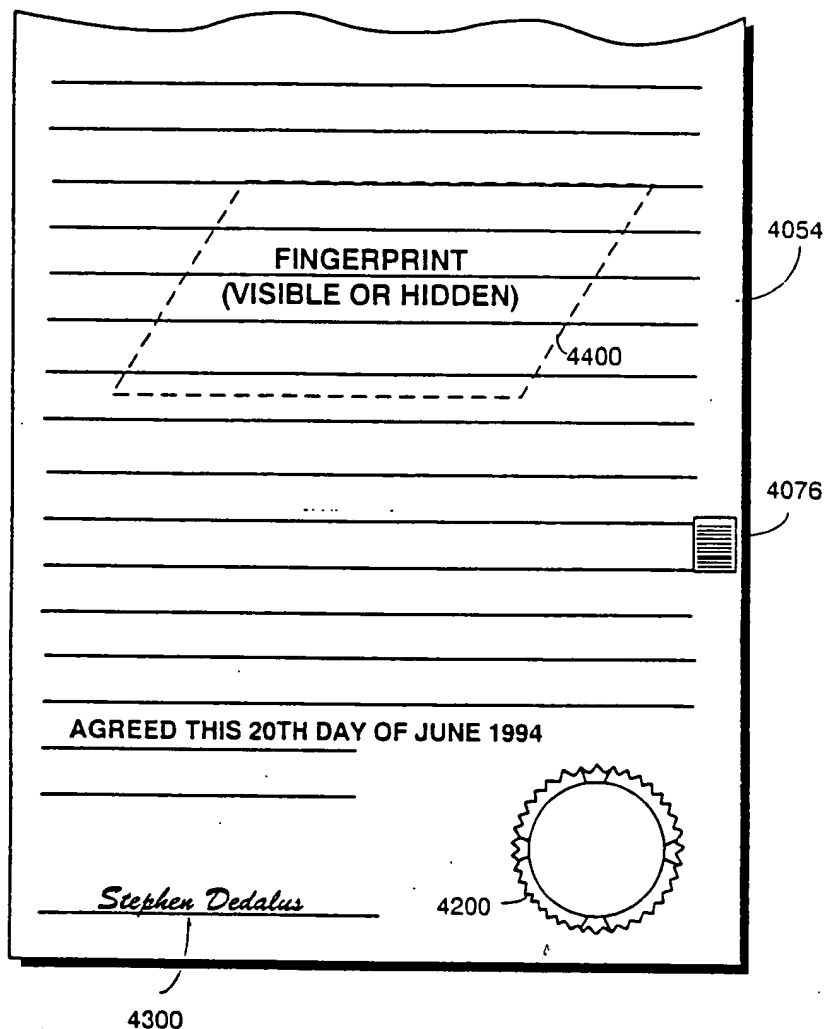


FIG. 104

**EXAMPLE
ELECTRONIC DOCUMENT SIGNATURES**

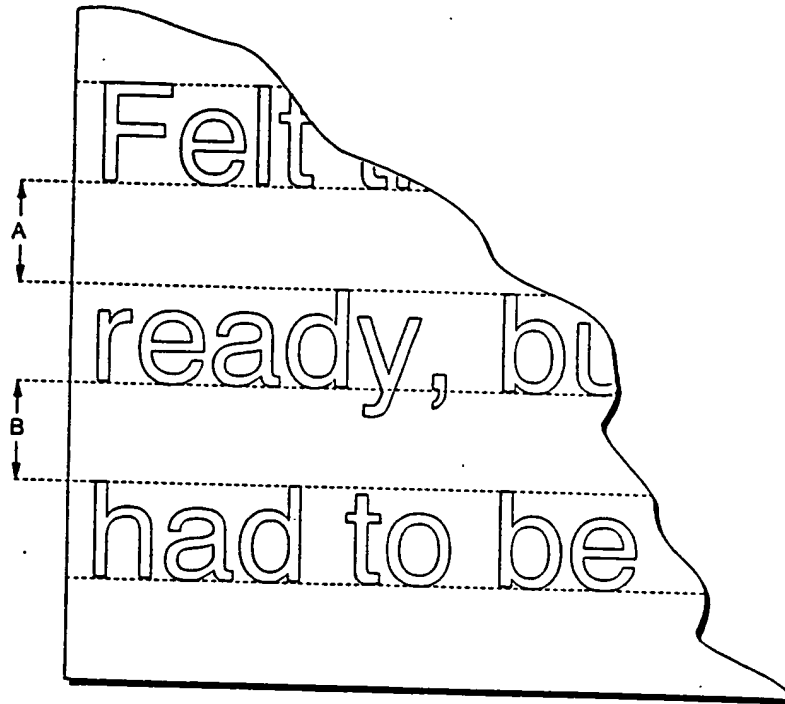


Fig. 105A
EXAMPLE LINE SPACING ENCODING

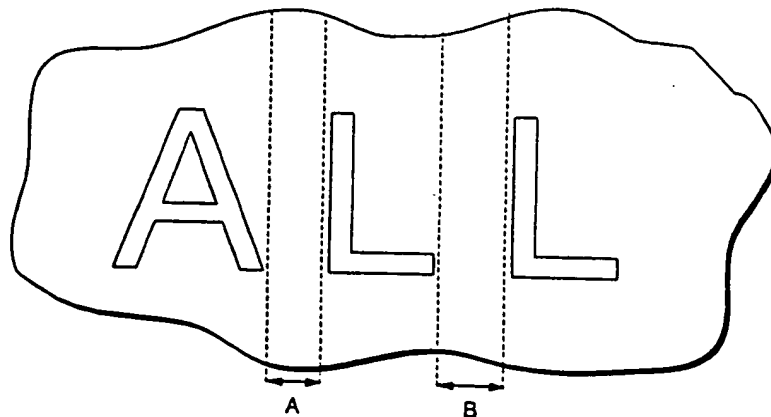


Fig. 105B
EXAMPLE LETTER SPACING ENCODING

004030" 1152E960

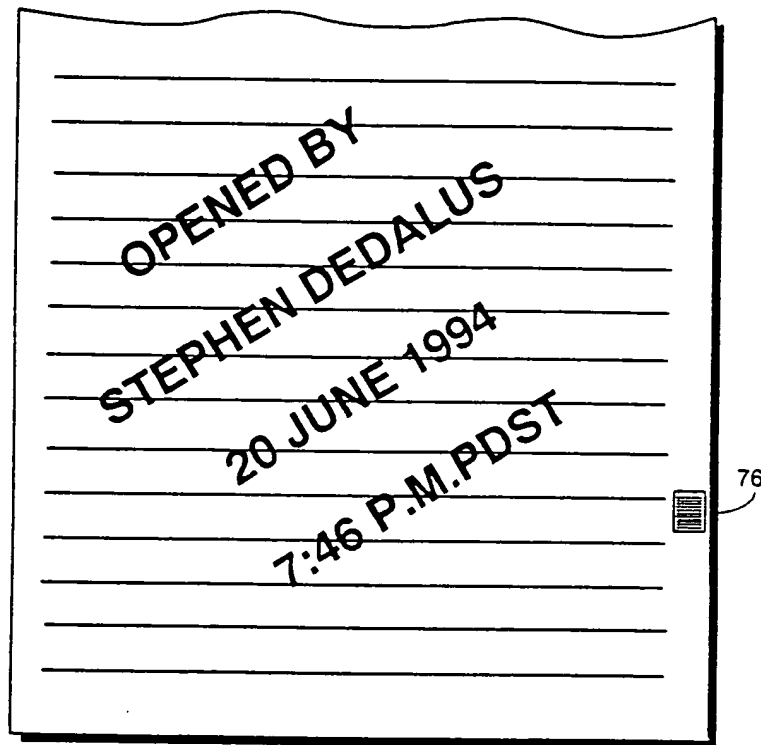


FIG. 105 C

EXAMPLE
DOCUMENT FINGERPRINT

004030" 1162E960

Fig. 107A
EXAMPLE TEMPLATE SEAL

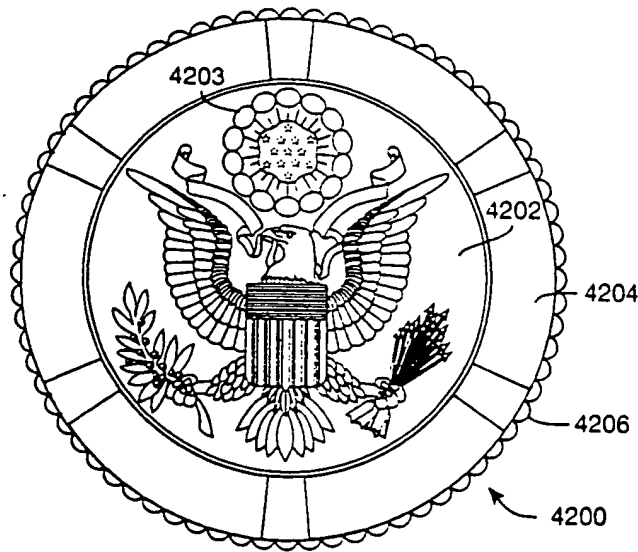
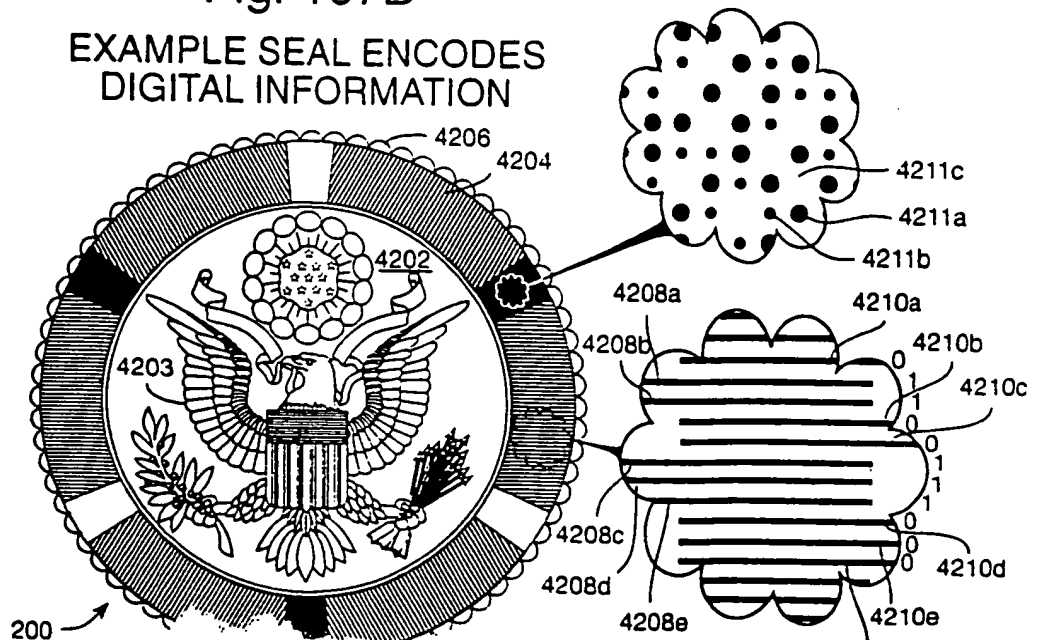


Fig. 107B
EXAMPLE SEAL ENCODES
DIGITAL INFORMATION



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Fig. 108
EXAMPLE DIGITAL SEAL CREATION

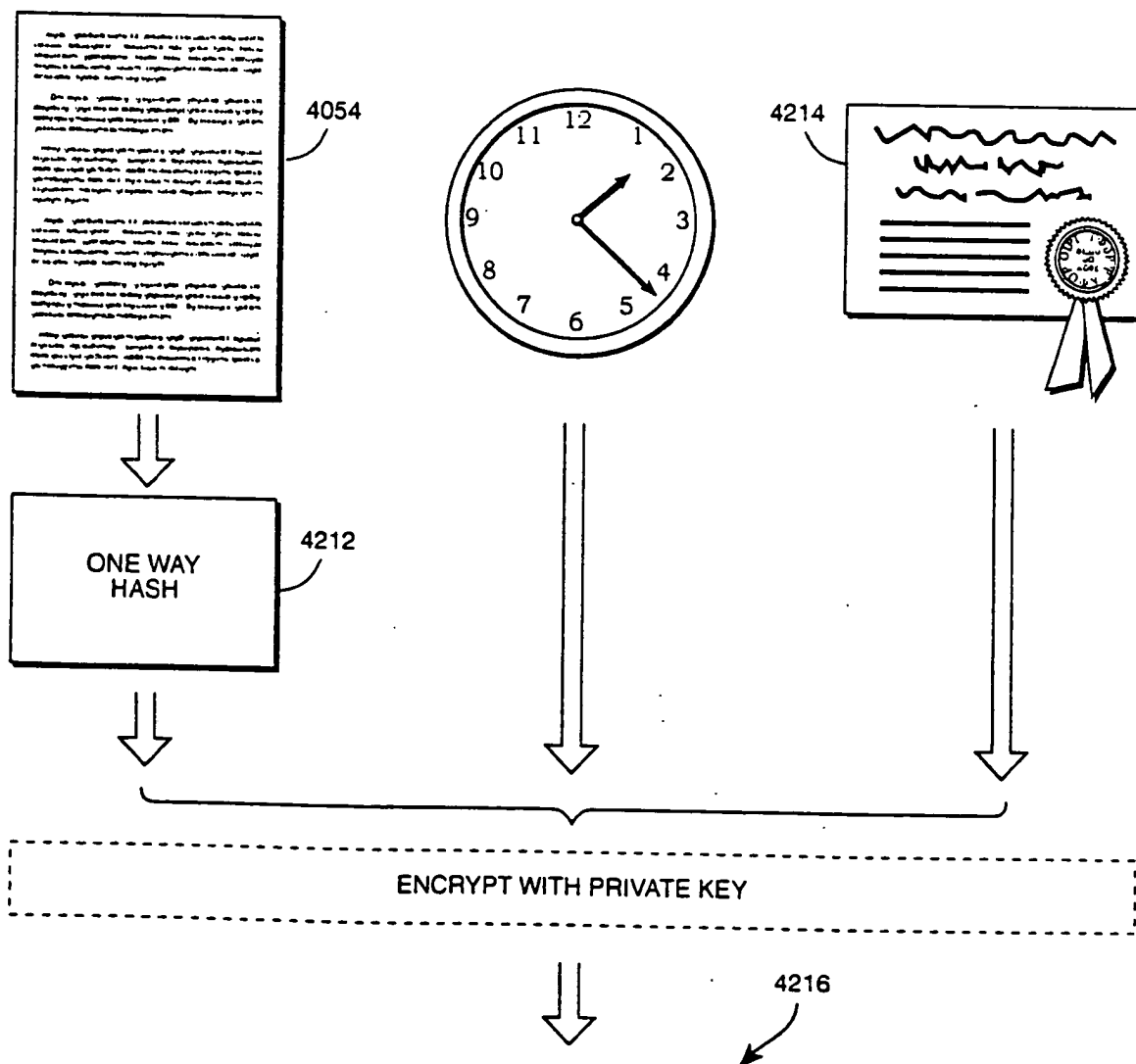


FIG. 109
EXAMPLE ELECTRONIC APPLIANCE

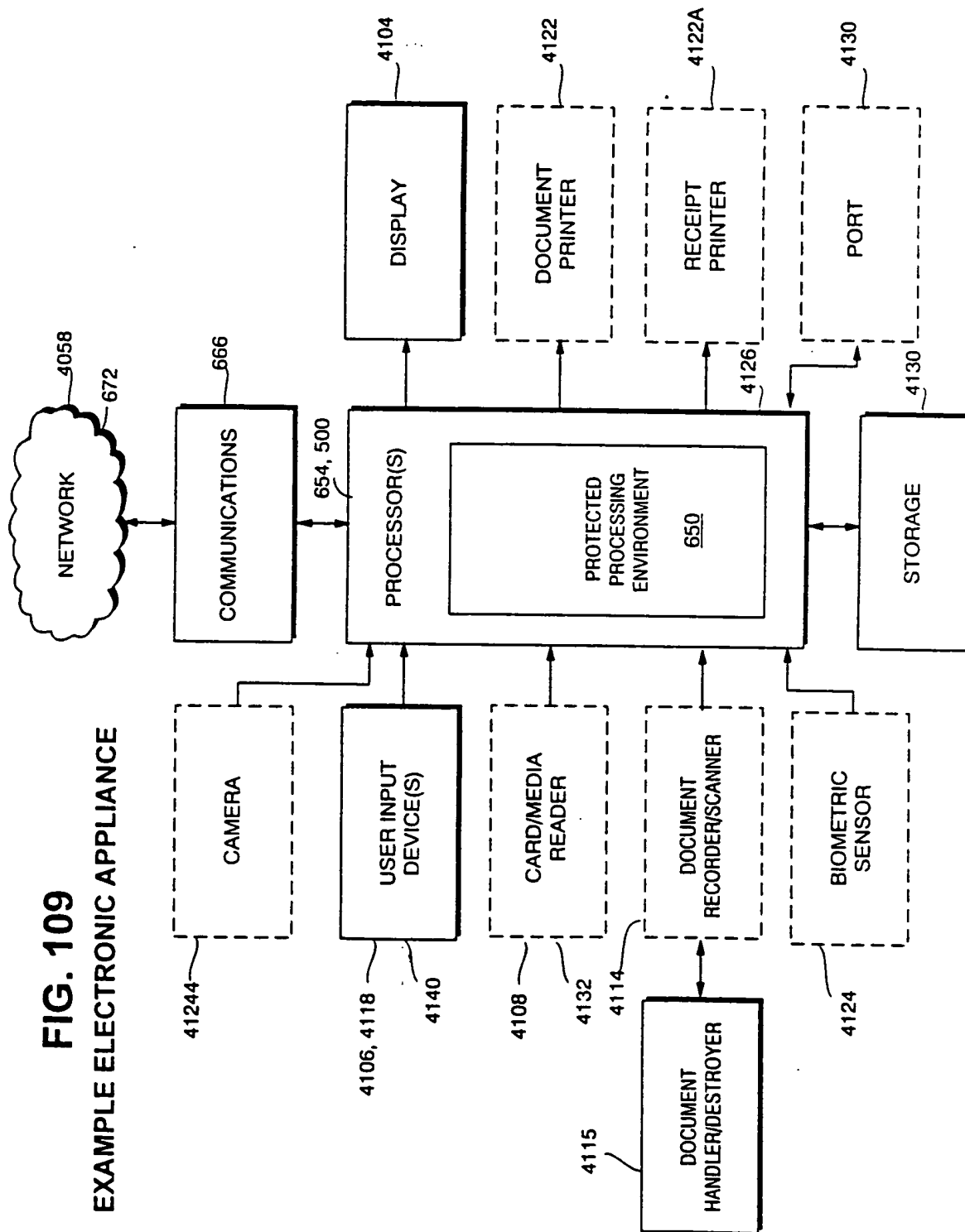


FIG. 110
Application Level Example
Send Operations

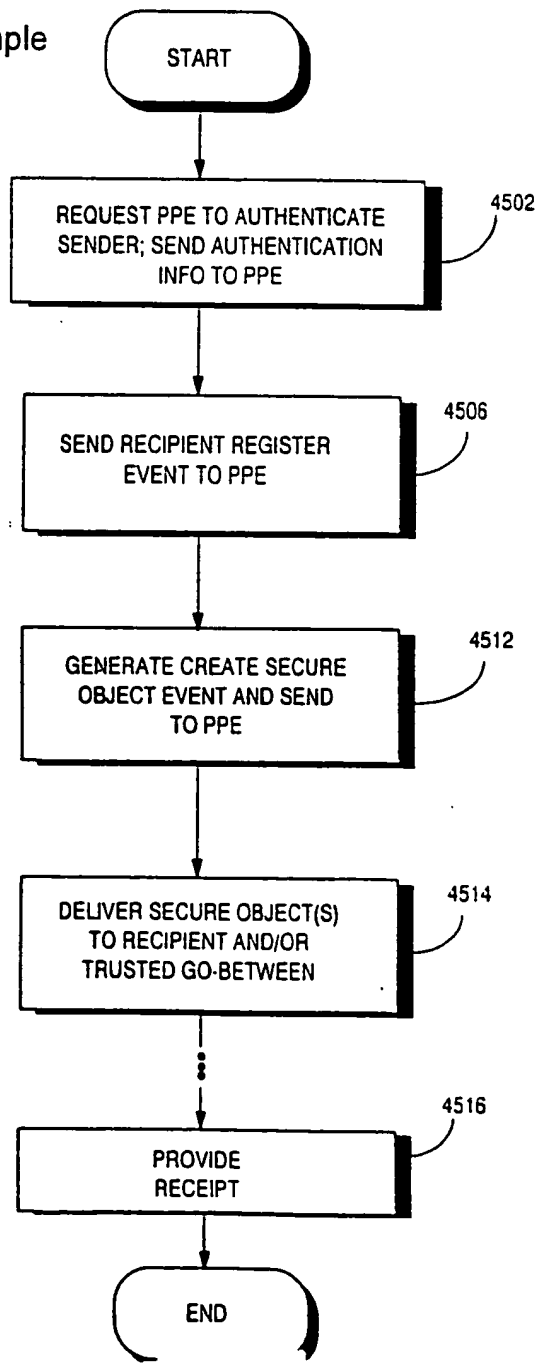




FIG. 112

**PPE Example Register
Recipient Methods**

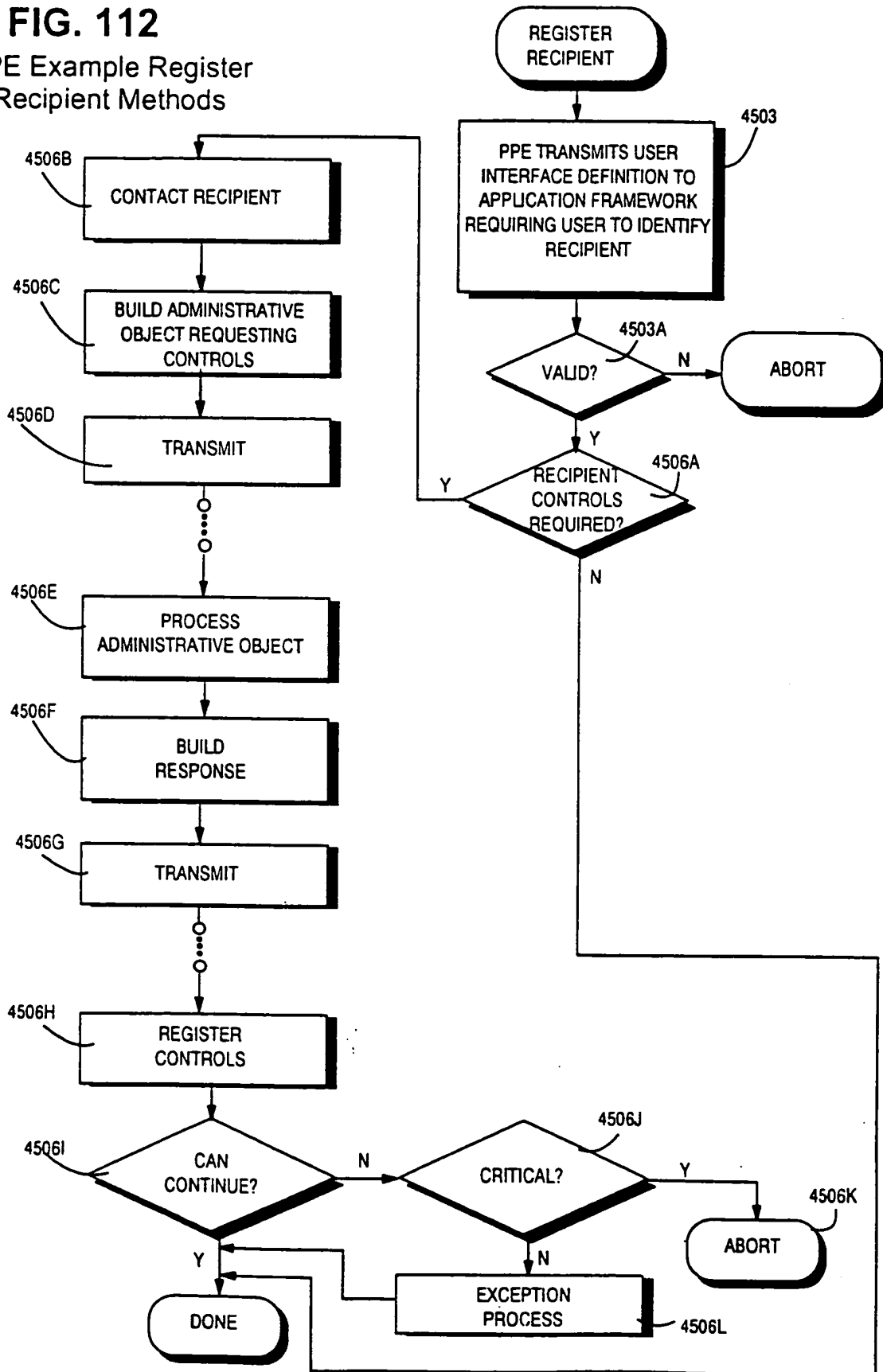
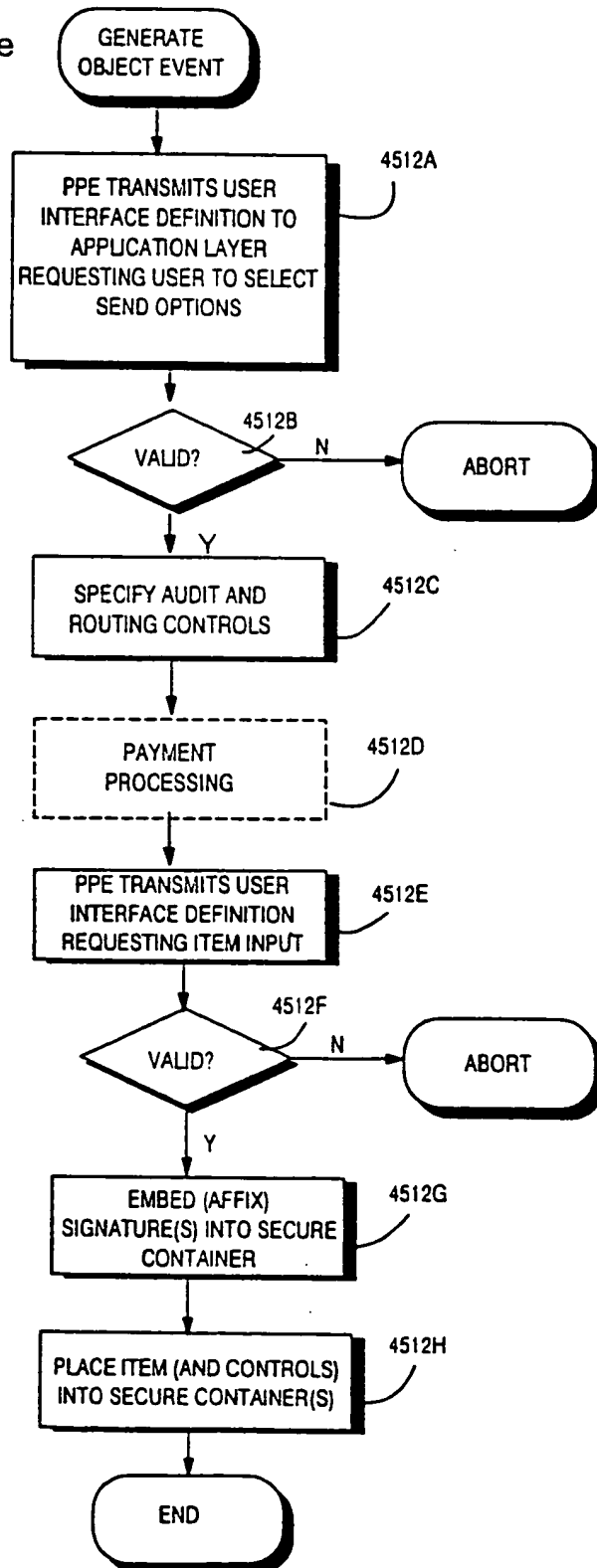


FIG. 113
PPE Example Generate
Object Method



004080" 1162960

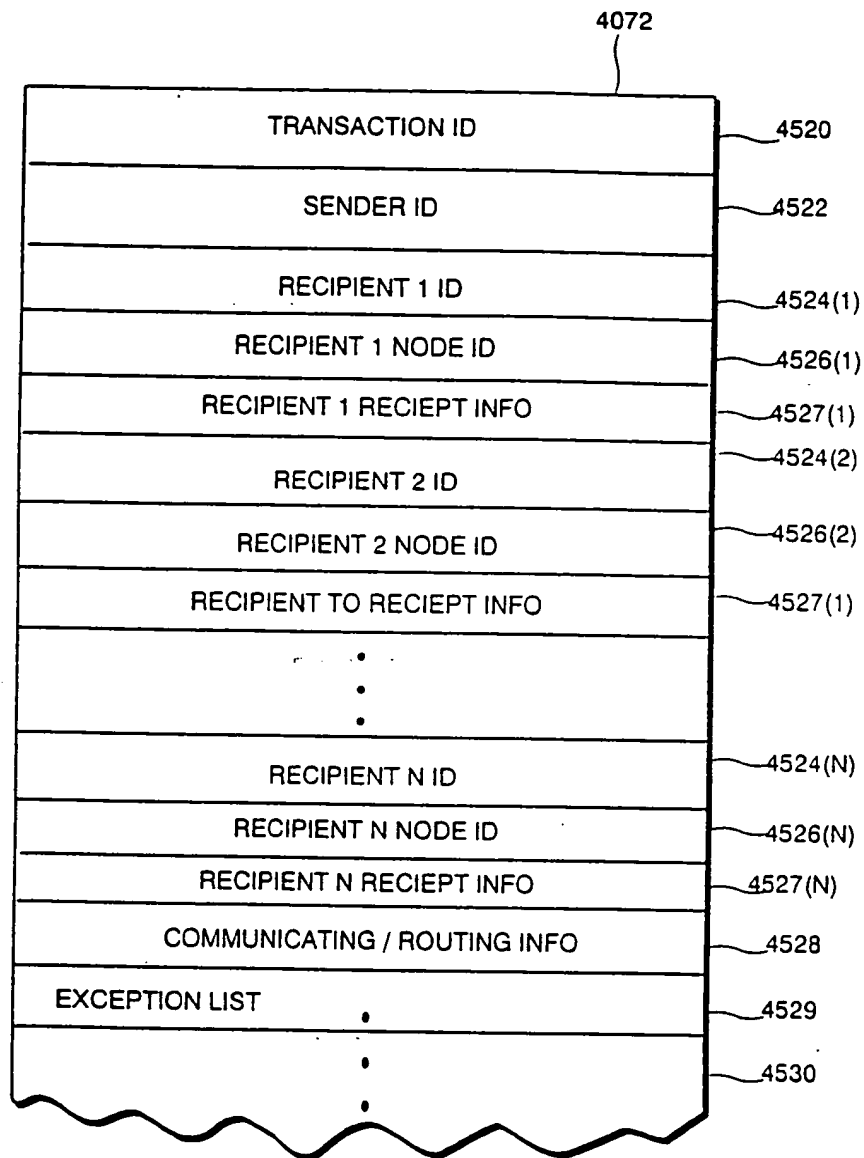


FIG. 113A
EXAMPLE ROUTING SLIP
DATA STRUCTURE

001030" 1152E960

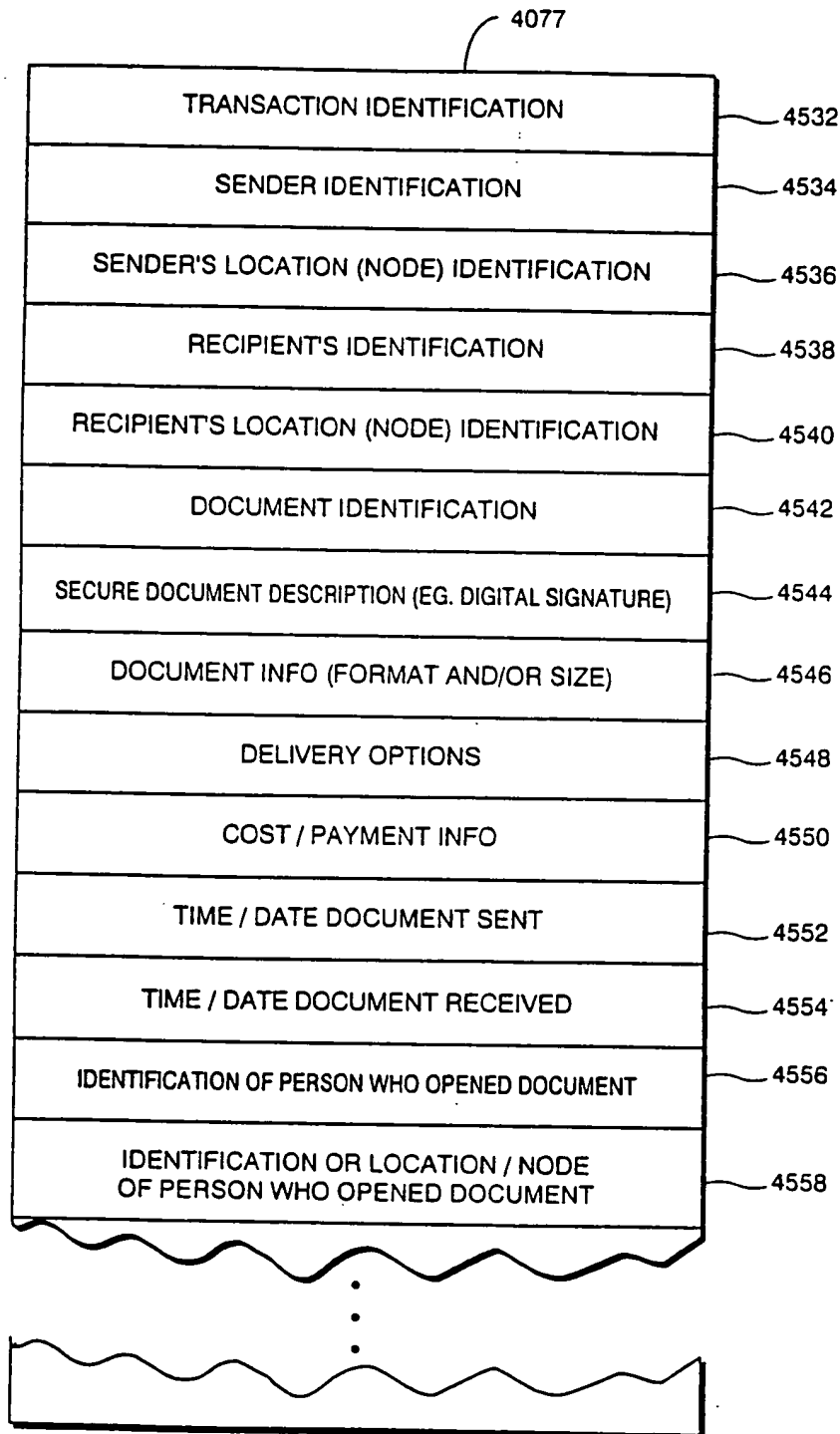
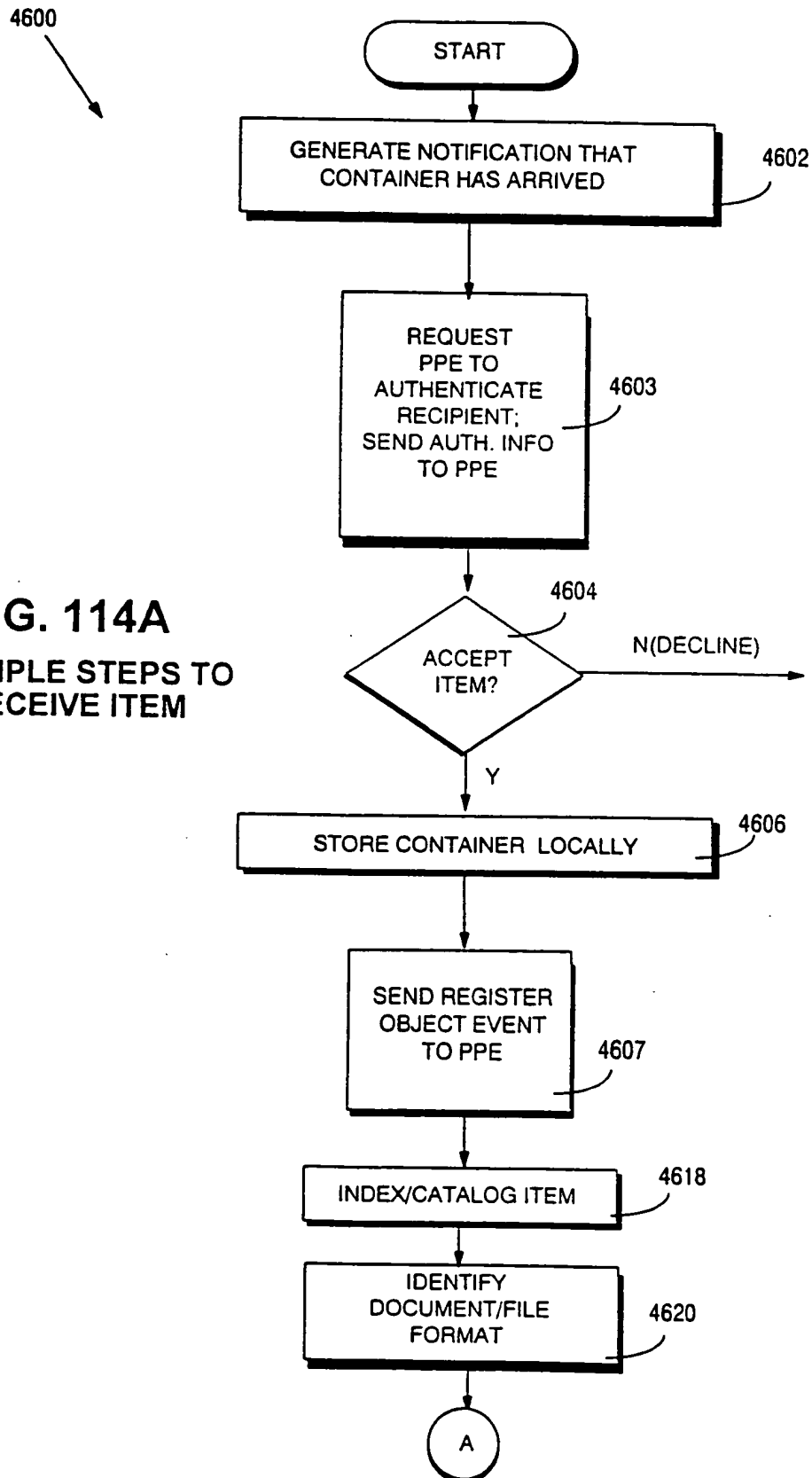


FIG. 113B
EXAMPLE AUDIT TRAIL
DATA STRUCTURE

004020-11526960

FIG. 114A
EXAMPLE STEPS TO
RECEIVE ITEM



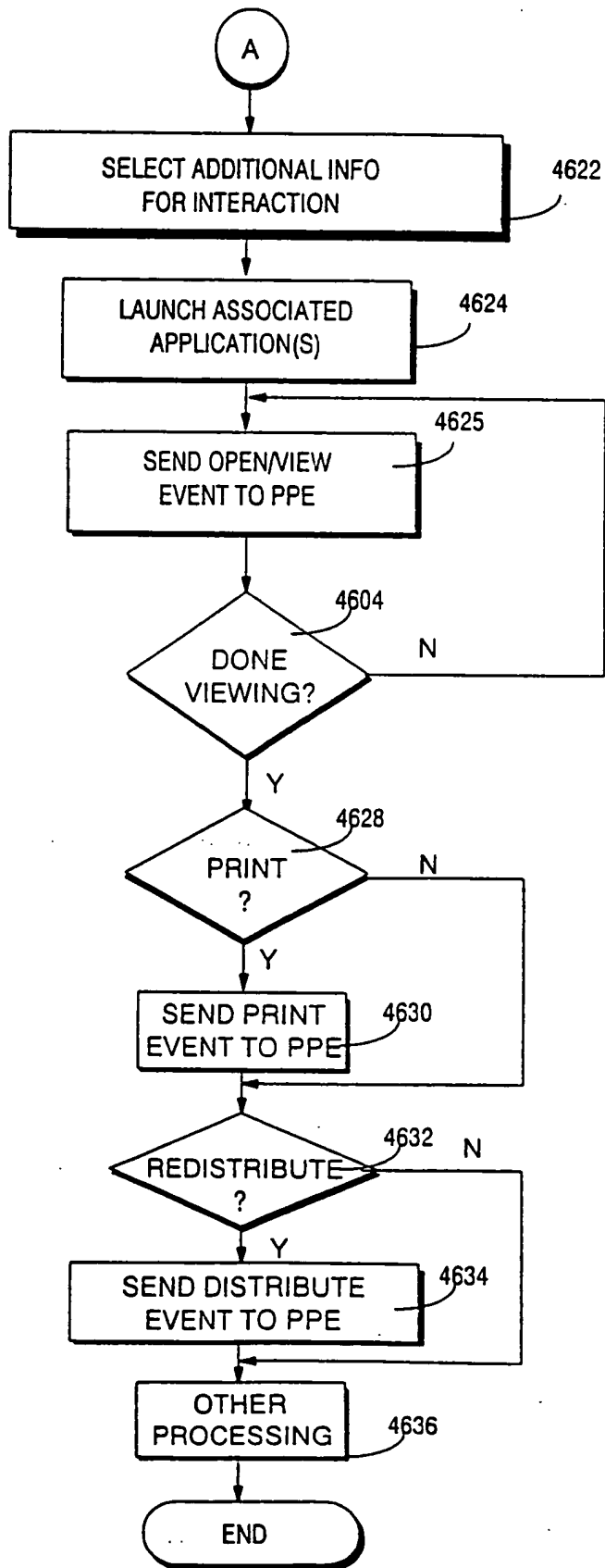


FIG. 117
PPE EXAMPLE
PRINT
METHOD

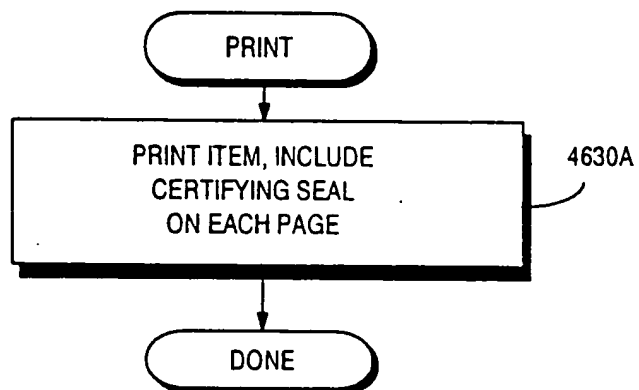
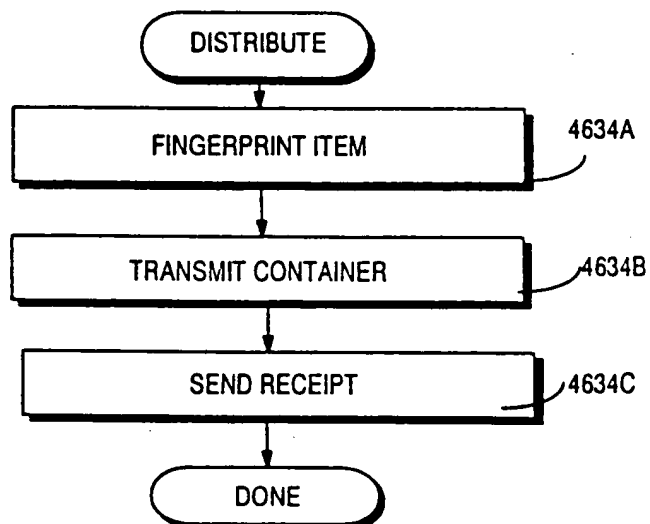


FIG. 118
PPE EXAMPLE
DISTRIBUTE
METHOD



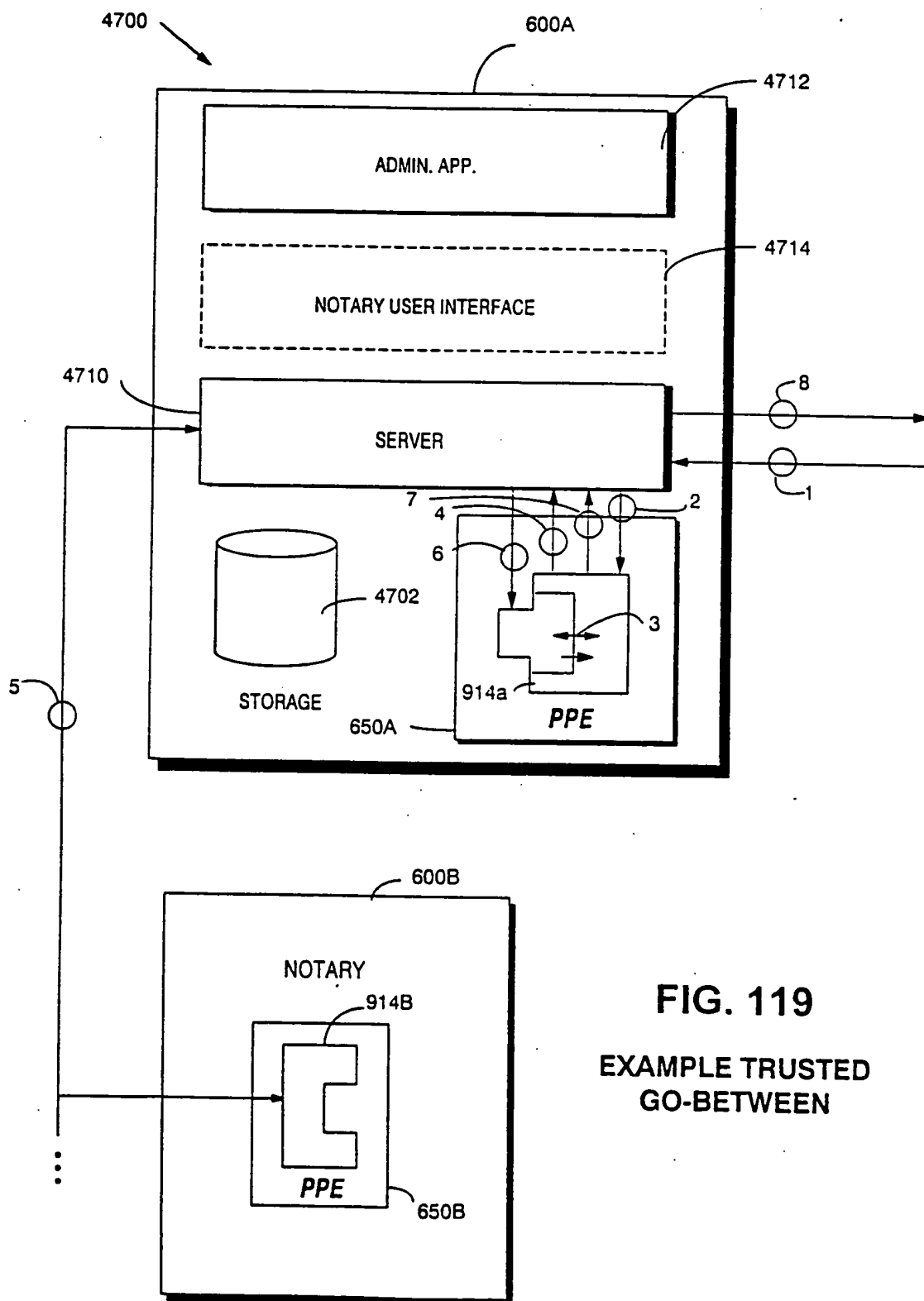


FIG. 119
EXAMPLE TRUSTED
GO-BETWEEN

FIG. 120A

Example Cooperation Between Notary And
Trusted Go-Between PPES

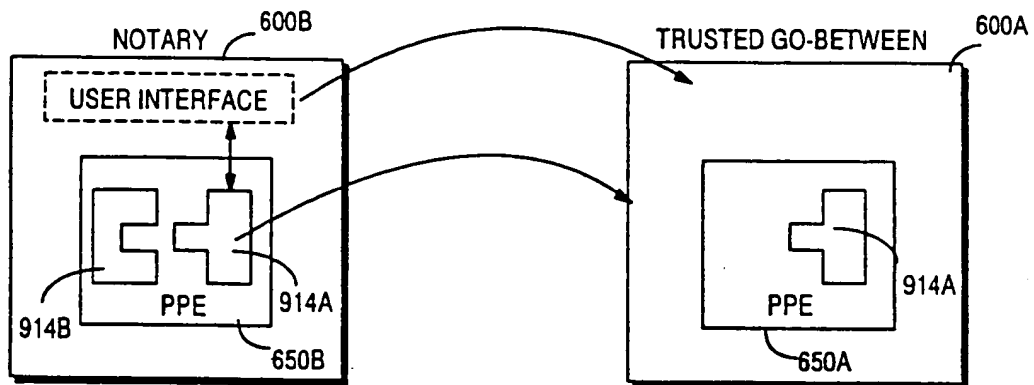
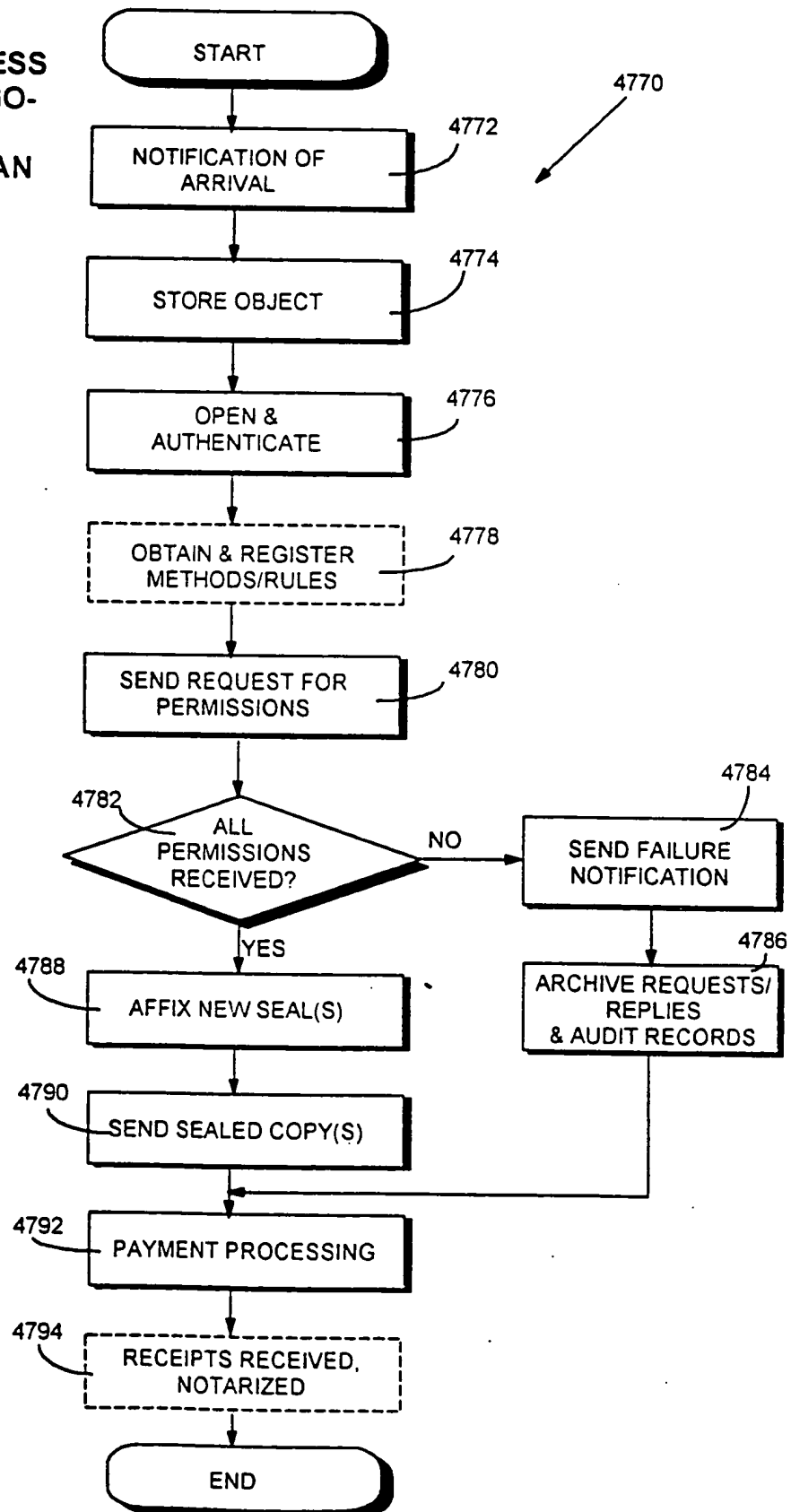


FIG. 122
EXAMPLE PROCESS
FOR TRUSTED GO-
BETWEEN TO
REDISTRIBUTE AN
ITEM



004030-11152E960

FIG. 123
EXAMPLE PROCESS
FOR TRUSTED GO-
BETWEEN TO
PROVIDE ITEMS
FROM ITS ARCHIVES

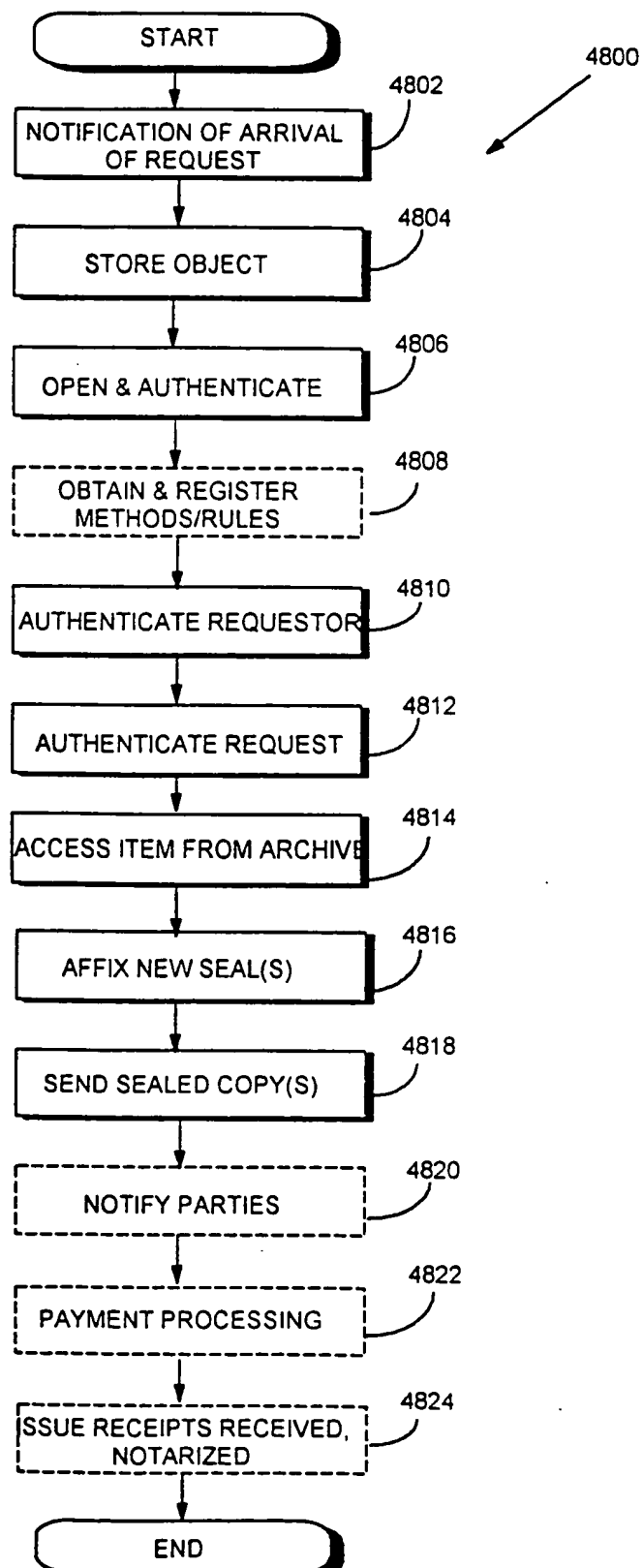
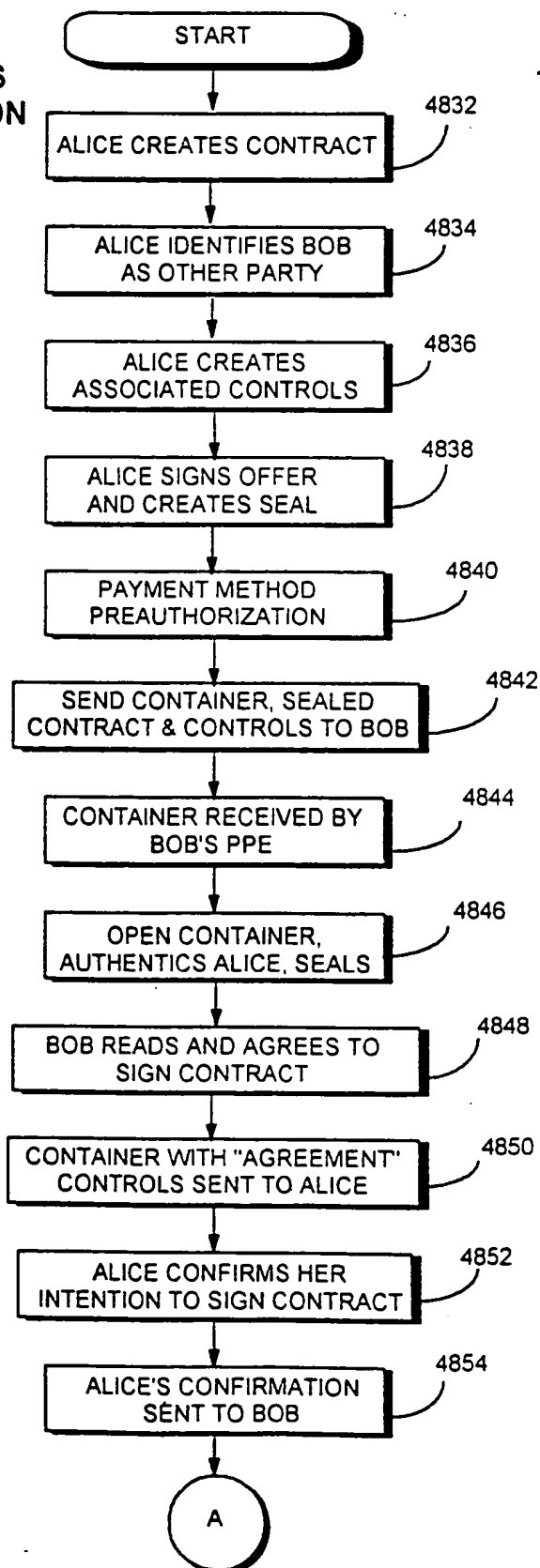


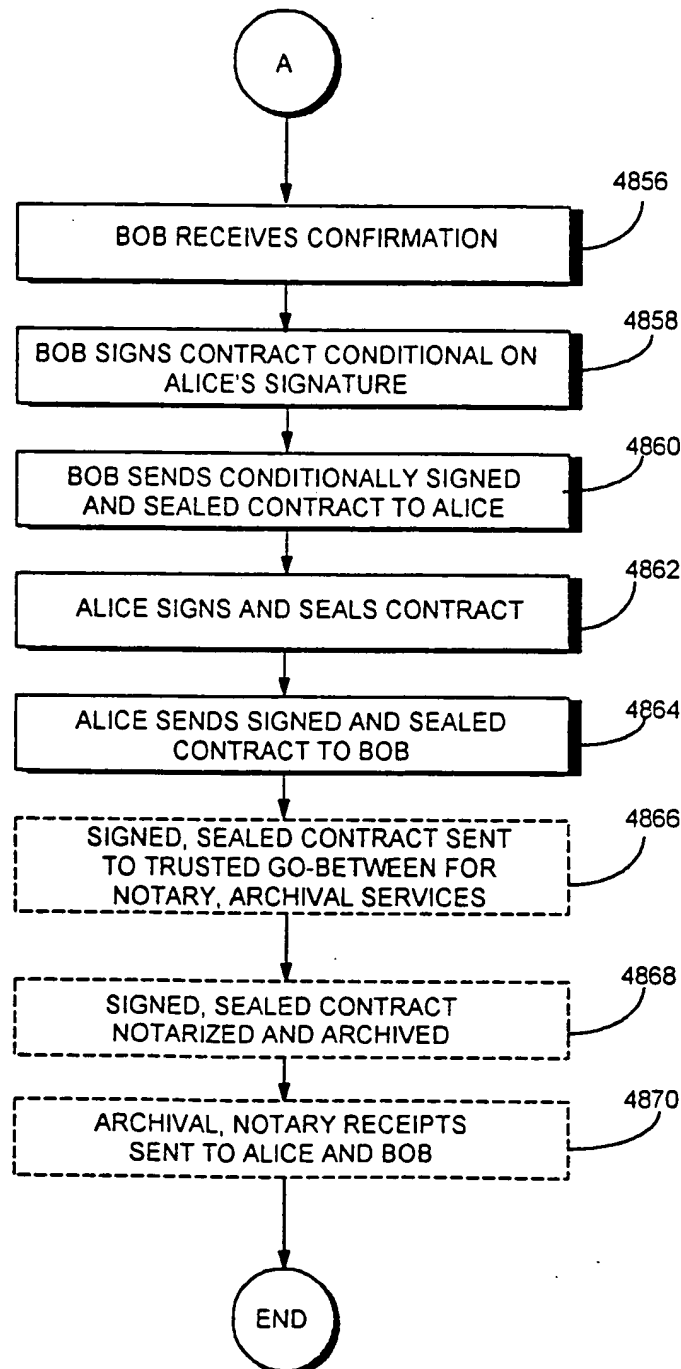
FIG. 124A
EXAMPLE PROCESS
FOR SIMULTANEOUS
CONTRACT EXECUTION



4830

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FIG. 124B



004090" 4452E960

FIG. 125A
EXAMPLE CONTRACT
EXECUTION PROCESS
USING TRUSTED
GO-BETWEEN

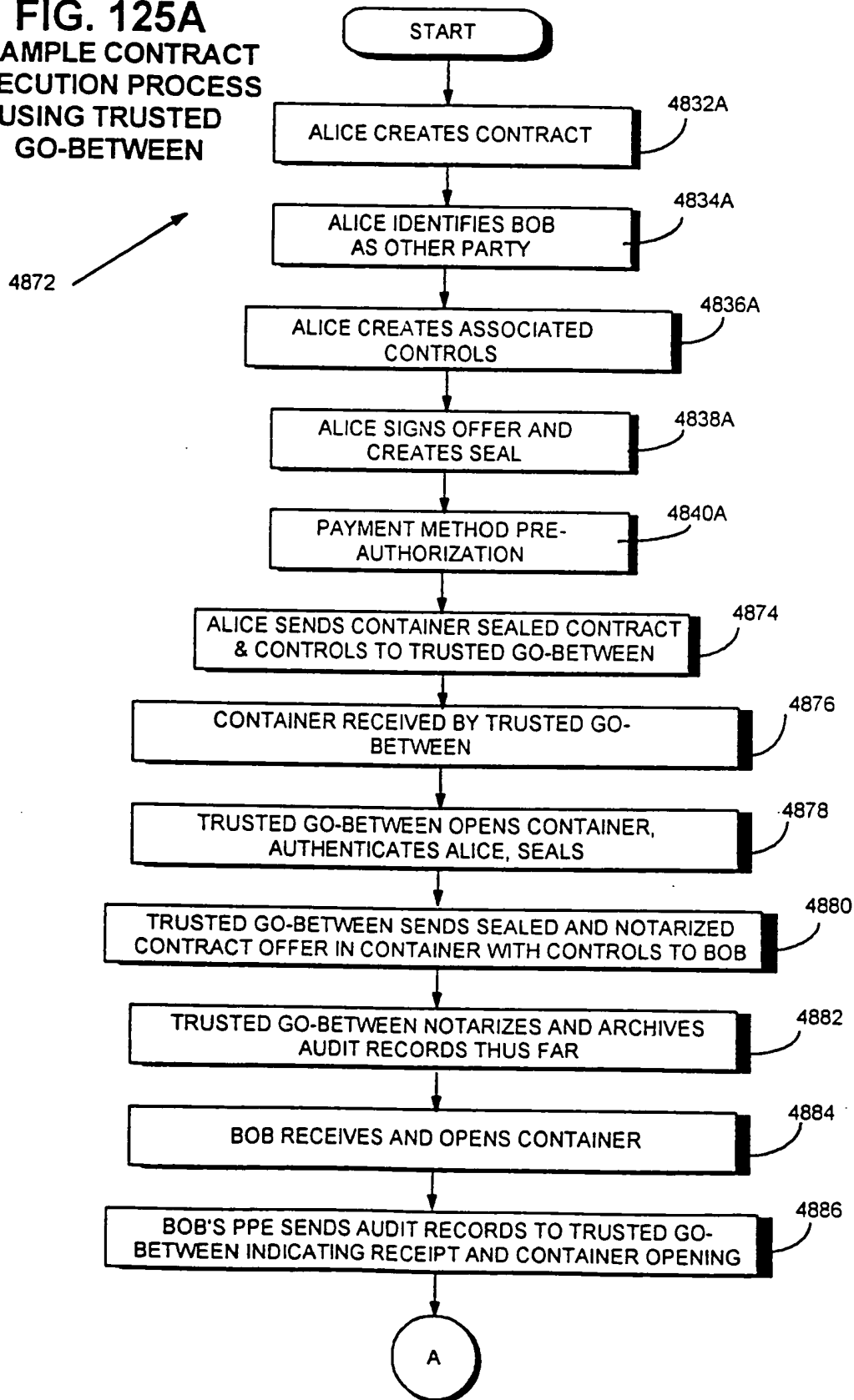
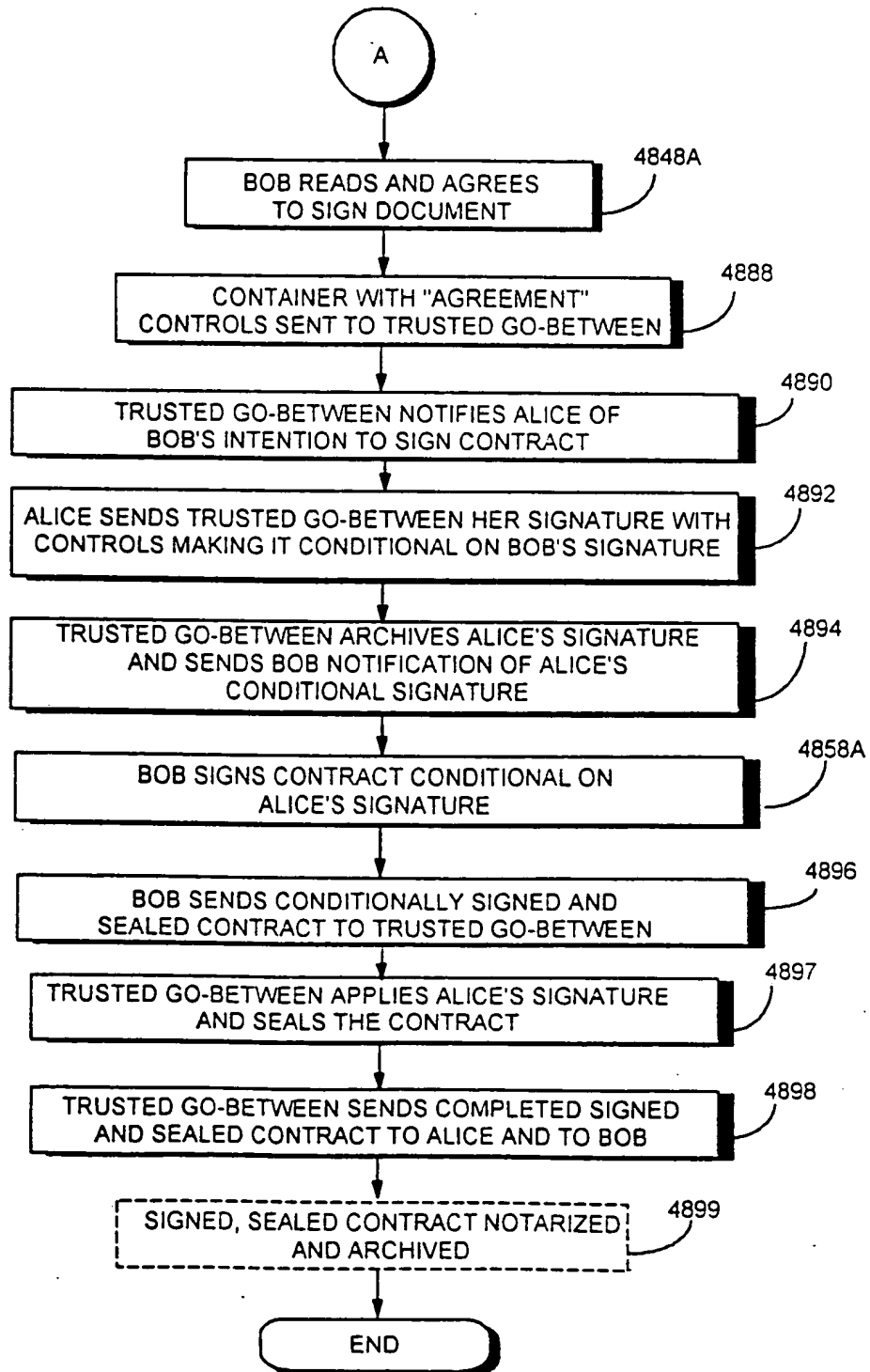


FIG. 125B



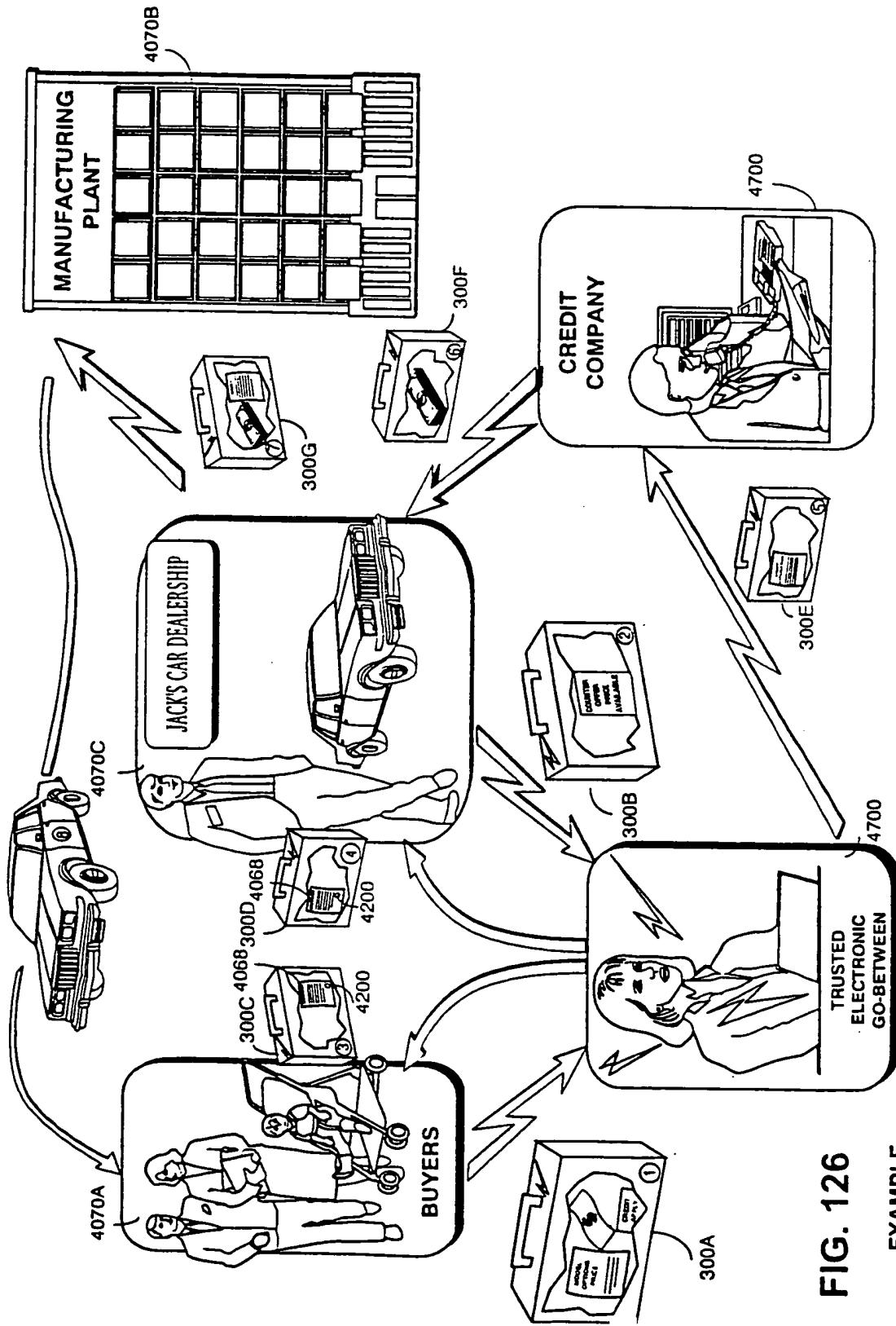
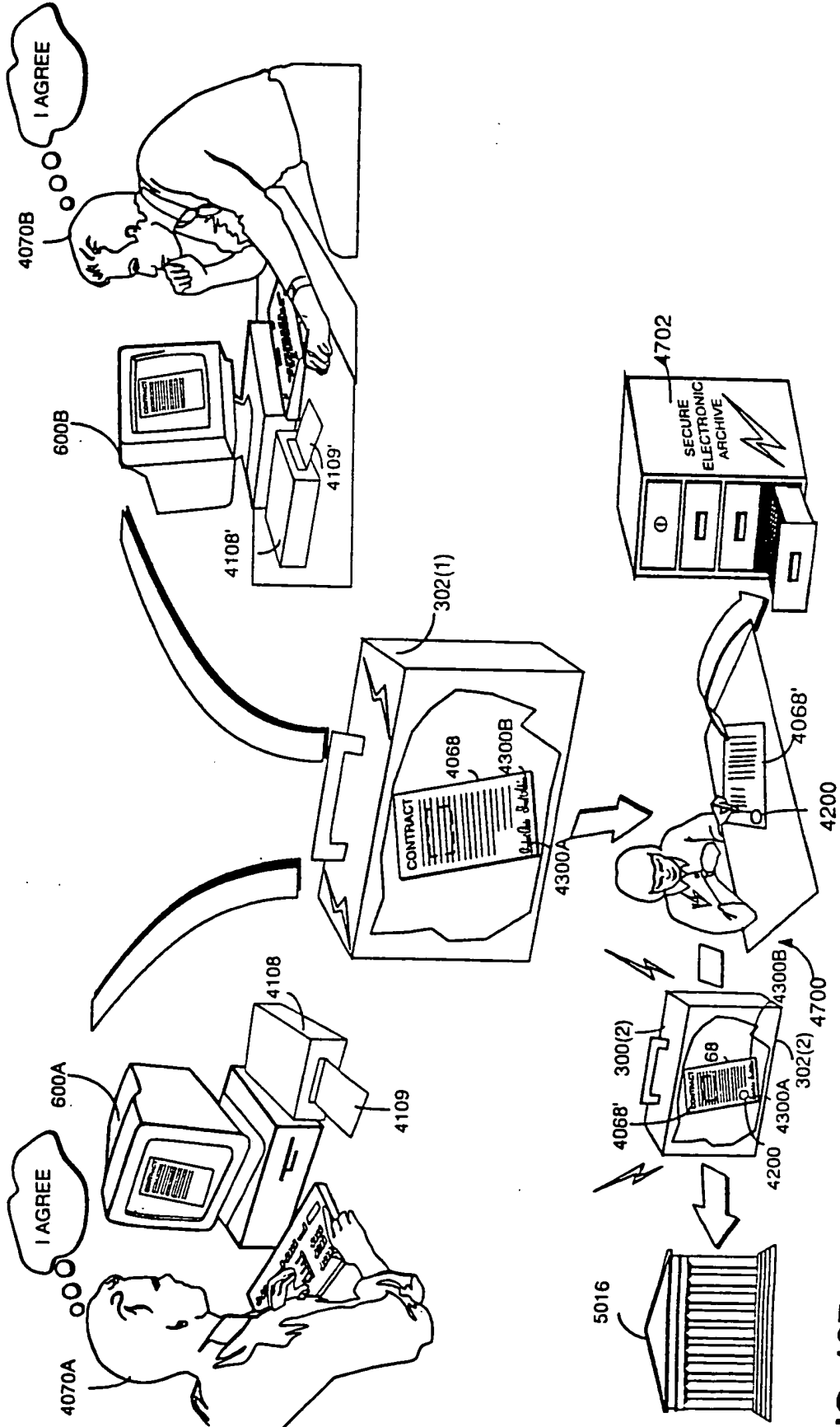


FIG. 126
EXAMPLE
TRANSACTION



IG. 127 EXAMPLE-ELECTRONIC ITEM NOTARIZATION

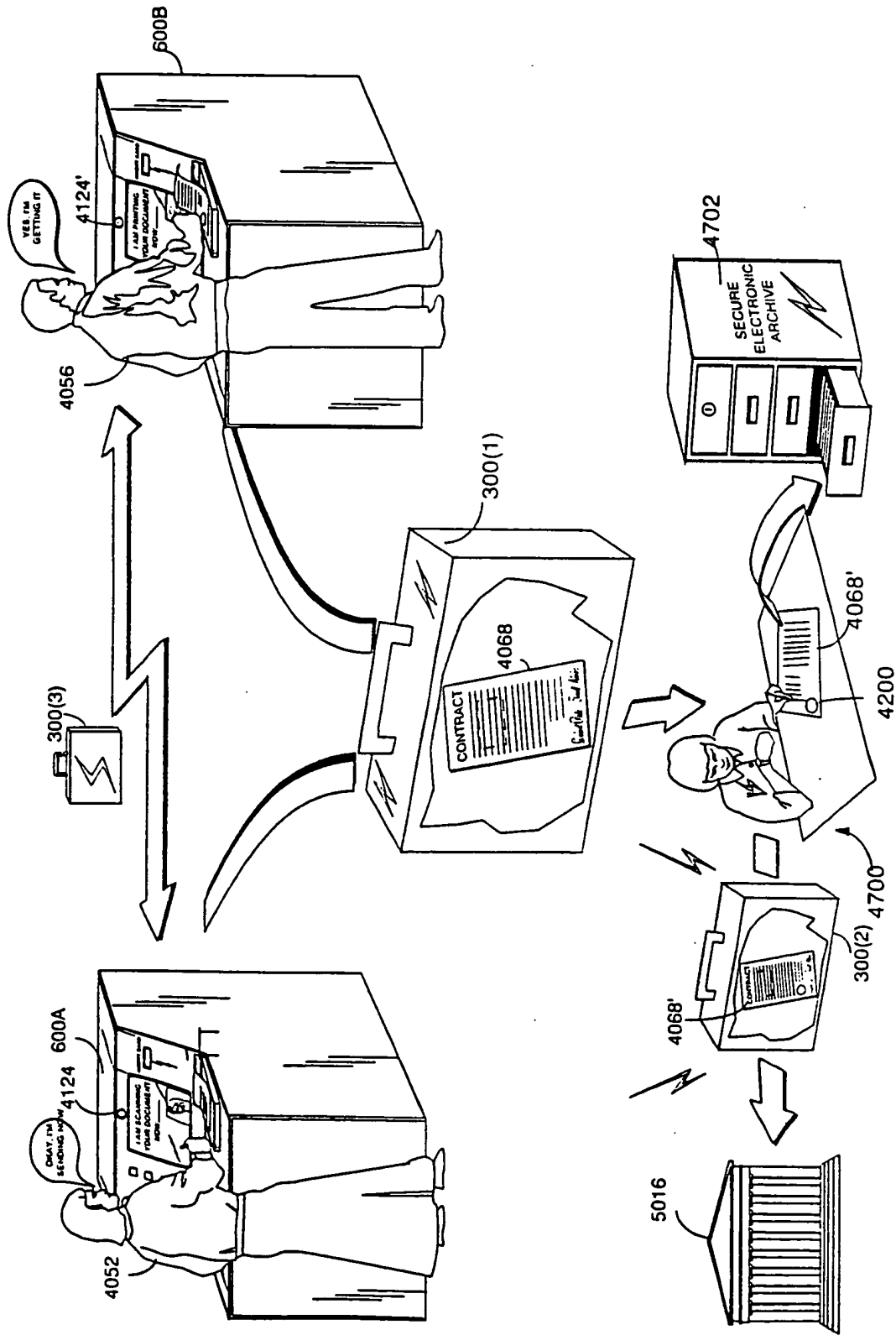
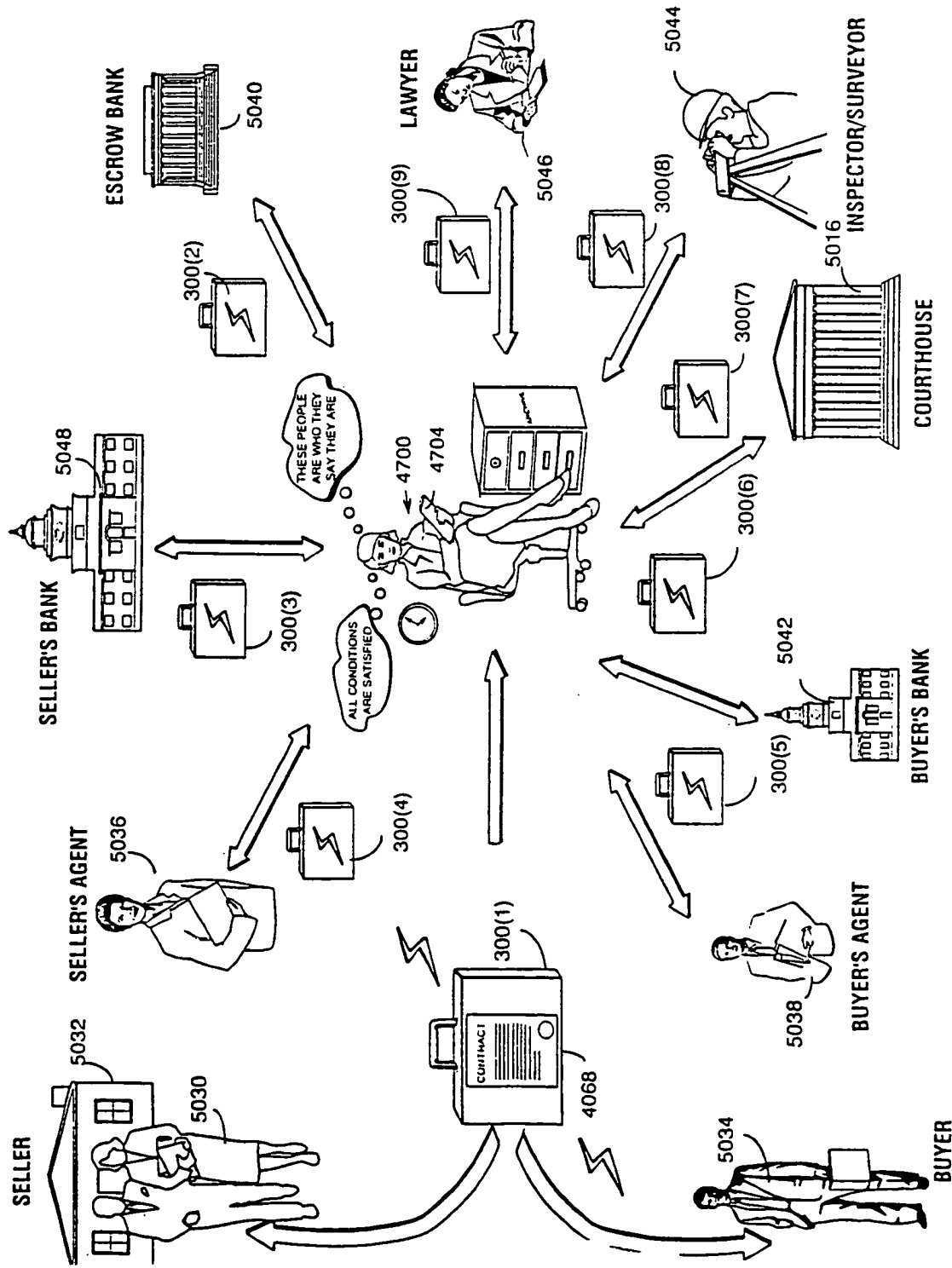


FIG. 128 EXAMPLE -TELECONFERENCES

FIG. 129 HEALTH INSURANCE EXAMPLE

FIG. 129 HEALTH INSURANCE EXAMPLE



IG. 130 EXAMPLE REAL ESTATE "ATOMIC" SETTLEMENT

004080" 1462E960

4704

CONDITIONS :

- ☒ EACH PARTY HAS READ THE CONTRACT
- ☒ INSPECTER INSPECTS FOR TERMITES
- ☐ LENDER APPROVES FINANCING
- ☐ TITLE SEARCH CLEAR

FIG. 130A EXAMPLE TRANSACTION RULES

UNITED STATES PATENT OFFICE

5064

600B

300(2)

4702

4700

5062

5060

600A

4052

300(1)

300(3)

5066

4200

FIG. 132 EXAMPLE PATENT OFFICE AUTOMATION

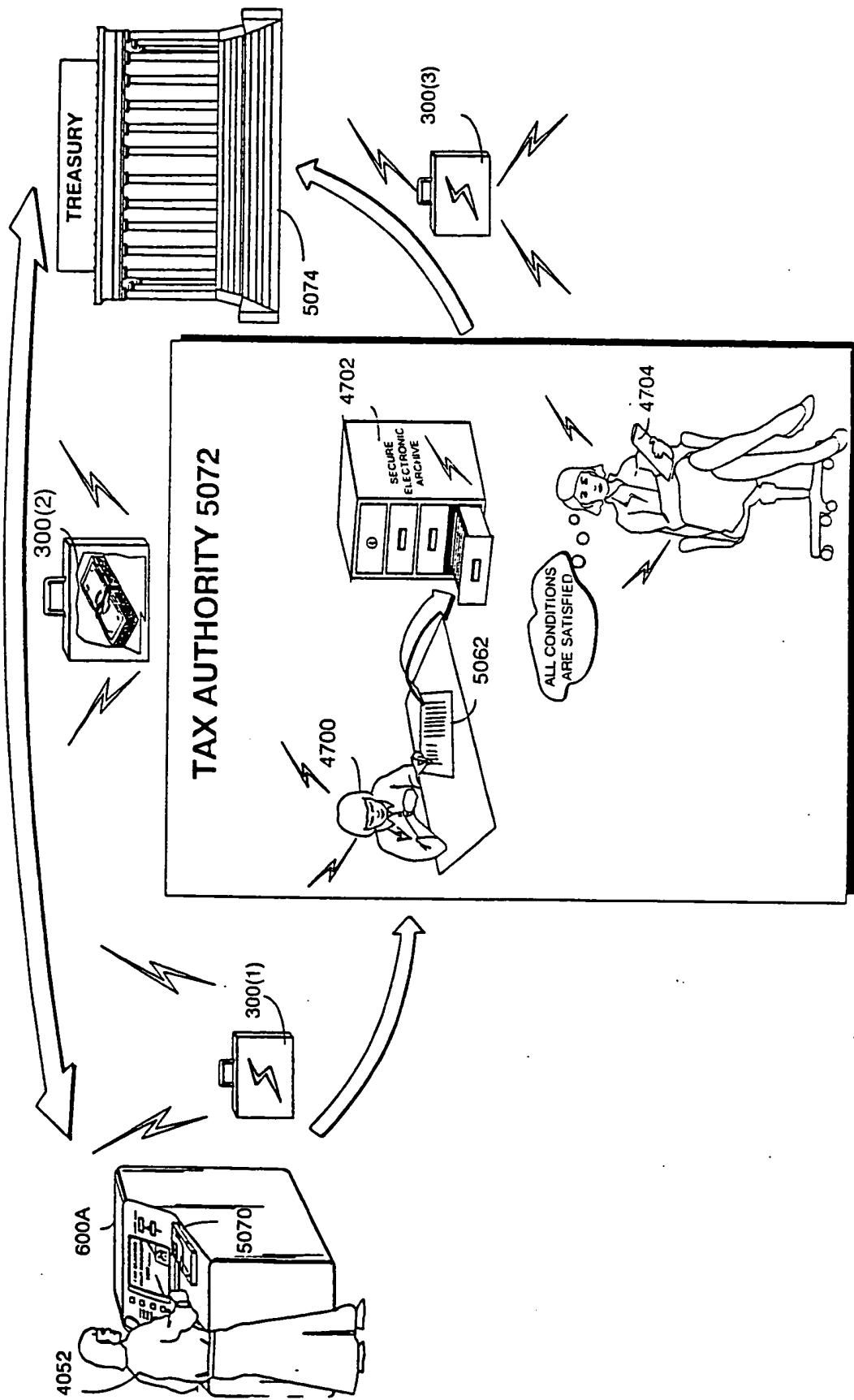


FIG. 133 EXAMPLE TAX FILING

FIG. 134

